The Mining Journal

RAILWAY AND COMMERCIAL GAZETTE

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 948-Vol. XXIII.]

LONDON, SATURDAY, OCTOBER 22, 1853.

PRICE 6d.

R. JAMES CROFTS, of No. 28, CORNHILL,

R. JAMES CROFTS, of No. 28, CORNHILL,

Mr. J. CROFTS begs to OFFER his SERVICES for the PURCHASE or SALE of
MINING SHARES of every description, and not being a DEALER, transacts business
only for principals on commission.

Air. Chorts having resolved to extend his business, more generally in reference to
Divide DM MINES, how hand, or can procure, the best of those appearing in the
London market, and in the columns of the Mining Journal, which, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, which, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, their, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, their, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, the judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, his, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more generally in reference to
the highest; rate of interest of any known security.

A combination of causes, more of the Mining Journal, his, judiciously selected,
will pay the highest; rate of interest of any known security.

A combination of causes, more of least feet of the mining and such ahres most affected are those
liable to calls, to which an almost indiscriminating neglect is shown, without reference to the depressing causes, and a return to considered. The dear was security of the depressing causes, and a return to considered in mining stocks; but its character is rather that the continuation of the depressing causes, and a large extent, and any known security.

The falowing are particularly noticeable as bose fide concerns much reduced in value,

Mr. Capter transacts every description of business through the medium of the stock Exchange.

Houte of business:—Half-past Nine till Five, daily. Bankers—The London Joint-tock Bank, Frinces-arcet, City.

Dated Friday, Oct. 21, 1853, No. 28, Cornhill.

M. J. A. M. E. S. L. A. N. E., M. I. N. I. N. G. A. G. E. N. T. 33, THREADNEEDLE STREET, LONDON (Established 10 Years), Hegs to inform his friends and the public, that the SHARES which he is prepared to DEAL IN are not confined to the limits of an advertisement, but would refer to the general list of the Mining Journal, and sin a position to TRANSACT BUSINESS in any mines quoted in that list. Mr. LANE will furnish a list with latest prices on application.

MR. H. B. RYE begs to call the attention of his friends and the public to the following MINES, which, from being located in the BEST districts, under good management, are well WORTHY of INVESTMENT, from their capability 4 producing GREAT RESULTS. SALES and PURCHASES effected in MINES of every description; and CORRECT LIST OF PRICES can be OBTAINED on application:—

Declarate Compels. Wheal Chiverton

Difeation:—Bryntail Gustavus
Citjah & Wentworth Kirkeudbright
Cook's Kitchen Leeds Town
East Seton & Maude Leiant Consols
Granbl. & St. Aubyn North Downs
Grat Wheal Alfred North Towy
77, Old Broad-street, London, Oct. 21, 1853.

R. R. C. MANUEL, MINING OFFICES,
Mr. MANUEL'S offices are expressly adapted for the use of companies and committees conducting their business in London; he advises in the technical, filancial, and
general arrangements of companies, conformably with the Cost-book System; and
has also made arrangements whereby he is enabled to undertake the entire superintendence and management of mines, the laying out and creeting every kind of mining
machinery, inspecting and reporting on mines and all mineral property.—Offices of
the Great Crimis Copper Mine, Union Tin Mine, West Wheal Buller Tin Mine, &c.

26, Austinfriars, London.

the Great Crinnis Copper Mine, Union Tin Mine, West Wheal Buller Tin Mine, &c. 28, Austinfriars, London.

M. R. JOHN S. LANE, No. 32, POULTRY, LONDON, begs to inform the public that he is in a position to OFFER SHARES at the following the public that he is in a position to OFFER SHARES at the following the public that he is in a position to OFFER SHARES at the following Lower Proceedings of the public that he is in a position to OFFER SHARES at the following Lower Proceedings of the public that he is in a position to OFFER SHARES at the following Lower Proceedings of the public that he is in a position to OFFER SHARES at the following Lower Proceedings of the Lower Proceedings of the Lower Proceedings of the following Lower Proceedings of the Computer Proceedings of the following Lower Proceedings of the Computer Pro Treleigh Consols, £2½,
Tremoliett Down, 3s. 3d.
Treleigh Consols, £2½,
Tremoliett Down, 3s. 3d.
Tryphena, £2.
Treseilyan Consols, 10s.
Trannack & Bosence, £7.
Tamar Consols, £1.
Treweatha, £3.
Victoria, 7s.
Wheal Golden, £1½,
Wheal Norris, 6s.
Wheal Mary Ann, £45.
Wheal Hary Ann, £45.
Wheal James, 21s.
Wheal James, 21s.
Wheal James, 21s.
Wheal Robert, 7s. 6d.
Wheal Robert, 7s.
Wheal Katharine, £1½,
Wheal Mary, 20s.
Wheal Gill, £2½,
Wheal Samson, £1 12s. 6d.
Wheal Lemon, £3.
Wheal Surprise, 8s.
West Wh. Edward, 11s. 6d.
West Phemix, £10.
West Providence, £46.
West Alfred Consols, £11½,
West Mary, £9½,
West Basset, £15.
Weston, £1½,
West Basset, £15.
Weston, £1½,
West My, £9½,
Yeoland Consols, £5%,
Uny of the above mines will
gravise no notice can be taken

untry wishing to purchase in any of the above mines will nber of shares they require, otherwise no notice can be taken y instructions to buy or sell shall be punctually attended to. to Poltmore, Wheal Mary Ann, Treweatha, Great Hewas, Boringdon Consols, Eckley, South Caradon, Wh. Edward,

MR. JOHN R. PIKE begs to call the attention of his friends and the public to the following LIST of MINING SHARES which he bas for SALE, Alfred Consola £10\(\frac{1}{2}\).

Alfred West Wheal, £1\(\frac{1}{2}\).

East Frongoch, £6\(\frac{1}{2}\).

East Frongoch, £6\(\frac{1}{2}\).

Alten (Norway), £6.

East Halamanning, £1\(\frac{1}{2}\).

East Halamanning, £1\(\frac{1}{2}\).

East Housell, £2\(\frac{1}{2}\).

Ea

South Russel, 10-5
Great Welsh, £13-6
Havano & Henflwch, 18Hawkmoor, 18- 64.
Kilbricken, £13-7
Kenneggy, £34-7
Kenneggy, £34

And is a BUVER of Trefuss, Wheat Uny, North Builer, and Beil and Lanarth.

J. R. Pike, from a length-ead residence in the best mining district in the world (Redruth, Cornwall), and being in daily communication with respectable agents, is easiled to give capitalists advice as to what is sound or otherwise, the present opportunity being a favourable one for investments. In any instructions forwarded to R. Pike, for the disposal of shares, it is particularly requested they will state the number and time ellowed, and that all such information be forwarded not later than Friday morning; and those parties who may entrust him with their business may rely on his string tham satisfaction.

South Sea Canada, Tareadneedis-street, City, October 21, 1888.

MINING PROPERTY.—Mr. HERRON has SHARES in the best
DIVIDEND-PAYING MINES FOR SALE, and which will give the purchaser 15 to 20 per cent. for the outlay. Amongst others are the following:—
Great Devon Consols Mary Anne
South Tamar
South Basset
Bedford United North Pool
Wheal Seton West Caradon
Treviskey
West Caradon
St. John del Rey

Wheal Trehane Cobre Alten St. John del Rey And has also FOR SALE SHARES in MINES having a PROMISING APPEAR-ANCE, and affording greater range for speculation, such as—

Mining Offices, 33, Clement's-lane, Lombard-street.

Investments in Public Securities.—There cannot be a doabt that the excessive increase of our export trade, coupled with the increased value of foreign-produce, and the scarcity of corr, have together caused the demand for money which has so suddenly overtaken us.

The foregoing causes, combined with the war question, have produced a general depression throughout the markets. Prices of all public securities have considerably declined. Generally both stocks and shares have been oversold, and it is with difficulty that money purchases can be carried out without delay. Therefore, beyond a question, were any improvement either in the money market or politics to occur, a smart rally in prices would be the immediate result.

Putting aside the chapter of accidents, it must be admitted that the present is a most tempting opportunity for the capitalist to invest. There are some good English Dividend-paying Mines, which will pay the purchaser 20 per cent. per annum on the outlay, perfectly free from delst, which divide their profits every two or three months; and other very promising mines, rapidly progressing to a dividend-paying state, under management of tried experience and known respectability, which are well worthy the attention of capitalists. It should be borne in mind that many securities are as extravagantly above as others are unreasonably below their bona fide value, and some are intrinsically worthless.

To select such investments as are the most eligible and free from risk, certain data are requisite, to which few have access, which undivided attention alone can furnish, and which those only of considerable practical experience can correctly estimate.

Every information afforded to capitalists desirous of investing capital or exchanging their securities; and sales and purchases effected upon the best possible terms.

JAMES STEVENS TRIPP & Co., 33, Clement's-lane, Lombard-st. Established 1839.

INING AND SHARE OFFICES, ST. MICHAEL'S CHAMBERS,
ST. MICHAEL'S ALLEY, No. 42, CORNHILL, LONDON.—Mr. ROBERT
TRIPP has for SALE SHARES in the BEST DIVIDEND MINES, which are paying
to purchasers 15 to 30 per cent. per annum; and also in legitimate PROGRESSING
MINES, under first-rate management, about to pay dividends. The GOLD, MINING,
RAILWAY, WATER, INSUKANCE SHARES, &c., DEALT IN, at the closest market prices of the day.—Loans negociated on dividend-paying stocks, and other rents,
to any amount.

MR. HY. GOULD SHARP, HALL OF COMMERCE, LONDON, has SHARES FOR SALE in the following MINES:

Dinas Great Copper, 68. 64. East Boson, 58. 34.
Devon and Court., 21s. 66. Fat-work & Wh. Virtue, 16s.
East Wheni Vor, 10s.
East Gunnis Lake, £1 4s.
East Gunnis Lake, £1 4s.
East Tamar, £1 6s.

P.S. Mr. H. G. Sharp is in a position to BUY and SELL every description of STOCKS and SHARES at the closest prices of the day. All instructions will be punctually attended to.

TR. JAMES FOX, NEW CITY CHAMBERS, 121, BISHOPS-Afred Consols, Tamar Consols, Wheal Uny, Tresellyn Consols, Great Wheal Baddern, Whitford, Mostyn, &c. English and Foreign Securities of every description bought and sold. Orders by post promptly attended to; and every information on the state of the money market furnished on application.

M. R. JOSEPH JAMES REYNOLDS, STOCK & SHAREBROKER, 21, THREADNEEDLE STREET. Mr. REYNOLDS has BUSINESS TO TRANSACT in the following MINES:—

Mr. REYNOLDS
Agua Fria
Alfred Consols
Anglo-Californian
Asa and Craigiog
Balnoon | Beacon
Bedford United
Bell and Lanarth
Bieton Consols
Black Craig
Bodmin Consols
Boringdon Consols Brewer
Bridford Consols
BritanniaGold&Cop.
Bronfloyd
Burra Murra (Austr.)
Callington
Callington
Calstock Consols
Caradon Wooa
Carn Brea

Great Wheal Alfred
Great Wh. Baddern
Great Wheal Fortune
Great Wheal Vor
Great Wheal Vor
Halamanning
Herodsfoot
Lish Con. Mining Co.
Kennegzy Carn Brea Carsons Creek Carvannall Castle Dinas Crane and Bejawsa
Crow Hill | Cubert
Cwm Darren
Cwm Erfin
Dalrhiew | Darren
Devon Burra Burra
Devon Great Consols
Devon Kapunda Duke of Cornwall

Lelant Consols
Levant
Lewis
Linares
Little Duke
Marke Valley
Mary Ann
Mendip Hills
Morllyn | Michell
Mill Pool
Mixon
Molland
Mostyn etyn Duke of Cornwall
Dyfingwin
East Alfred Consols
East Basset
East Basek Craig
East Wheal Crofty
East Darven
East Halamanning
East Margaret
East Pool

21, THREADNEEDLE STREET.

Las BUSINESS TO TRANSACT in the following MINES:—

East Wheal Russell
Peninsular Min. Co. Wellington
Eagair Liee
Exmoor Eliza
Four Dargue (Cam.)
Garreg
Gawton United
Gonamena
Grambl. & St. Aubyn
Great Bryn Consols
Great Crinnis
Great Crinnis
Great Consols
Great Crinnis
Great Consols
Great Crinnis
Great Consols
Great Crinnis
Great Consols
Great Kis Hill
Gt. Nugget Vein Co.
Great Phonix Cons. Rix Hill
Gt. Nugget Vein Co.
Great Phonix Cons. Rix Hill
Great Wheal Alfred
Great Wheal Fortune
Great Wheal Wors
.) Gwallon
Halamanning
Herodsfoot
Hrish Con. Mining Co.
Kenneggy
South Ondurrow
South Caradon
South Caradon
South Caradon
South Caradon
South Caradon
South Frances
South Of Sotland
Hrish Con. Mining Co.
Kenneggy
South West Phoenix
West Wheal Alfred
West Russell
West Starp Tor
West Trethellan
West Wheal Frances
West Wheal Robins
West Wheal Robins
West Wheal Robins
West Wheal Russell
West Wheal Robins
West Meal Gills
West Marke Valley
South West Phoenix
West Wheal Great
West Russell
West Starp Tor
West Trethellan
West Wheal Alfred
West Providence
West Russell
West Russell
West Russell
West Wheal Robins
West Providence
West Darington
West Abraham
West Darington
West Darington
West Darington
West Darington
West Darington
West Russell
West Stron
West Russell
West Stron
West Providence
West West Russell
West Stron
West Providence
West West Russell
West Wheal Robins
West One
West Providence
West Providence
West Providence
West Providence
West Providence
West Russell
West Stron
West Providence
West West Providence
West Providence
West Providence
West Providence Perran St. George
Phomix Great Cons.
Poltimore
Port Phil. & Col. Gold
Prince Albert
Quintrell Downs
Raleigh [Rix Hill
Red Dragon
Rix Hill
Round Hill (Salop)
Sidney Godolphin
Silver Valley
Sourton Consols
South Caradon
South Towar
South Towar
South Towar
South Towar
South Towar
South Towar
South Wheal Basset
South Wheal Lovel
South Wheal Lov wheal Golden
Wh. Ellen (Breage
Wh. Ellen (Breage
Wh. Enyl Wendror
Wheal Fanny
Wheal Falwork
Wh. Fort. (Breage
Wheal Jane
Wheal Jane
Wheal Jane
Wheal Jane
Wheal Henty
Wheal Plenty
Wheal Plenty
Wheal Plenty
Wheal Robin
Wheal Robin
Wheal Seton
Wheal Trebarvah
Wheal Trebarvah
Wheal Trebarvah
Wheal Trebarvah
Wheal Tremayne
Wheal Tremayne
Wheal Trephena
Wheal Trephena
Wheal Trephena
Wheal Trephena
Wheal Trephena
Wheal Trephena
Wheal Trephena Swanpool Tamar Corsols Tavy Consols Tees Side Tees Side Terthevy Thomas's United Tincroft Trebarvah Trebell Consols Trefusis | Trebane Trelawey Treloweth Trelusbeck Tresavean Trethellan Trevena Trevelyan Treviskcy & Barrier East Russell Old Wheal Basset Tywardresth Wheal Tryphena East Russell Old Wheal Basset Tywarnhayle Light Tollar East Tunnar Par Consols Union Tin Wheal Uny East Tollar East Wheal Buller East Wheal Buller East Wheal Buller East Wheal Bosse Penhale Connols Venton United Mines (Tav.) Whitford Penhale Connols Venton Warsan (slate)

And SHARES FOR SALE in the West Curnwall Railway.

And SHARES FOR SALE in the West Corawall Bailway.

The present period offers to capitalists an opportunity which rarely occurs for PURCHASING in DIVIDEND-PAYING MINES, as well as in PROGRESSIVE MINES, the former paying dividends not less than 15 per cents, and the latter by a considerable increase of profit on the improved value of the property. Mr. J. J. Revisolas is at all times in a position to FURNISH the most ACCURATE INFOUMATION for the guidance of capitalists, and to effect PURCHASES or SALES on stock of every description, upon the best possible terms, on the usual commission.

Mines inspected by agents of experience and high respectability in any part of the kingdom within the shortest notice.—Oct. 21, 1853.

OLD, MINING, RAILWAY SHARES, &c.—
I Messys. KENWORTHY AND CO. TRANSACT BUSINESS in ALL DESCRIPTIONS of STOCKS at the CLOSEST PRICES of the day; and ADVISE (CONFIDENTIALLY) with parties as to the best means of employing spare capital, either
for speculation or permanent investment, whereby CERTAIN RETURNS are assured.
Country interrogations promptly replied to.—Address, or apply, Kenworthy and Cg.,
37, Old Broad-street, City.

Boringdon, £1½.
Boringdon, £1½.
Bronfloyd, 10s.
Caradon Wood, 2s. 6d.
Cwm Durmur, £5.
Devon and Court., £1 1s.
Duke of Cornwall, Bodmin, £1½.
Every description of mining property, **urchased or sold on commission.**

INVESTMENT FOR CAPITAL Mosers. £35. Stoke Climsland West, 2s. West Holmbush, 1s. 62. Wheal Zion, £2%. Wheal Treasury, £1%. Yeoland, £5%.

INVESTMENT FOR CAPITAL.—Messrs, POWELL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, No. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COOKE,
MINING AGENTS, NO. 1, CROWN COURT, TILL AND COURT, TILL AN INVESTMENT FOR CAPITAL.—Messrs, POWELL AND COOKE, MINING AGENTS, No. 1, CROWN COURT, TILE-ADNEDLE STREET, LONDON, beg to direct the attention of capitalists to the present almost UNPRECEDENTED OPPORTUNITY for INVESTMENT of CAPITAL in DIVIDEND MINES, paying regularly from 12½ to 20 per cent. per annum; also, in legitimate PROGRESSIVE MINES, many of which, from their present prospects and prices, offer an opportunity scarcely approaching to speculative; if judiciously selected, selden fails to become remunerative; and Messrs, Powell and Cooke will feel much pleasure in assisting parties to such selection, feeling convinced of giving satisfaction to those with whose confidence they may be entrusted.

Bankers—Commercial Bank of London, Lothbury.

Bankers—Commercial Bank of London, Lothbury.

DRITISH AND FOREIGN FUNDS, RAILWAY, AND MINING SHARES BOUGHT OR SOLD FOR LONG OR SHORT PERIODS.—Authentic records and statistics, showing the status and prospects of these securities, together with the leading features and ingredients of the money market, which for a time affect their value, are correctly compiled for the use of principals, the undersigned making it his care so to analyse the official accounts, and to collect such facts as will aid capitalists in forming a correct judgment in their investments, and matyrially guide them in their speculations.

MINING SHARES are greatly depressed, not only by the causes affecting other securities, but also by the numerous new adventures which have deluged the market, and been followed up with frequent calls, obliging holders of bona fide and intrinsically valuable mines to sell their shares; but these ofreumstances afford most favourable opportunities for making very advantageous investments in the latter kind, correct information of which can be obtained on application to

NR. E. H. TRIPP is prepared to DEAL in the following, lat the CURRENT MARKET PRICES, viz.

CURRENT MARKET PRICES, viz.

New So. Wales Coal Union Tin
Nant-y-Car
West Basset

Linares

Nant-y-Car
West Basset

Castle-court Chambers, Birchin-lane.

OBALT AND NICKEL.—ALFRED SENIOR MERRY, REFINER AND PURCHASER OF COBALT AND NICKEL ORES, SAYER IN GENERAL.—Address, LEE CRESCENT, BIRMINGHAM.

NICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, MILL STREET, BROAD STREET, BIRMINGHAM.—STEPPHEN BARKER begs to inform the Trade that he has the following articles for sale:—IC REFINED METALLIC BISMUTH. | OXIDE OF COBALT. | WIRE, 64 STREET, WIRE, 65 STREET, WIRE, 65 STREET, WIRE, 65 STREET, CORRESPONDED STREET, WIRE, 65 STREET, CORRESPONDED STREET, STR

MR. THOMAS EDINGTON (lately Senior Partner of the Phoenix Ironworks, Glasgow), IRON MERCHANT AND CONTRACTOR, INSPECTOR OF RAILWAY BARS AND CASTINGS, No. 17, GORDON STREET, GLASGOW.

TO RAILWAY COMPANIES, CONTRACTORS, &c. LAWRIE AND CO., COUSIN LANE, UPPER THAMES STREET, supply RAILWAY CHAIRS and SLEEPERS, FISHING PIECES, BOLTS and NUTS, SPIKES, and TIE BARS, COLUMNS, GIRDERS, SOCKET PIPES, and all kind of IRON CASTINGS. Also, HENDERSON'S PATENT DERRICK CRANES.

DENZANCE CONSOLS TIN MINE (SANCREED).—The BUSINESS of this MINE will in future be CONDUCTED at the offices of UNDER.—No. 3, Old Broad-street, Oct. 17, 1833.

POSORN TIN MINE (ST. JUST).—The BUSINESS of this MINE will for the future be CONDUCTED at the offices, AS UNDER. 23

INING IN IRELAND.—MR. W. WHITE has just RETURNED from a GEOLOGICAL and MINERALOGICAL SURVEY of a portion of IRELAND, where he has inspected the following mines:—Lackamore, Bloomfield, Anghevera, South Cork, Mizen Head, Crookhaven, Irish Consols, Dhurode, Carberry West, Kenmare, and Lanslowne, together with a part of the mineral sett in the Berehaven district appertaining to the Earl of Bantry, and now advertised for sale. Reports of the condition and prospects of these mines and sett may be had of Mr. White, 34, Moorgate-street.—Oct. 21, 1853.

M.R. LELEAN, No. 76, KING WILLIAM STREET, CITY, TRANSACTS BUSINESS in HOME and FOREIGN MINES, INSURANCE, BANKING, RAILWAY, and other SHARES.

MR. TYACK, MINE BROKER, CAMBORNE, from his situation in the best mining district in the county, together with his daily opportunities in the best mining district in the county, together with his daily opportunities of increased experience, is well adopted to GIVE ADVICE to CAPITALISTS disposed to invest in MINING; considering the present time, a good and favourable opportunity to invest. Mines inspected by the most experienced agents.

MESSRS. HENWOOD AND CO., MINE AGENTS AND SURVEYORS, LEEDS, are prepared to GIVE ADVICE on all the leading speculations of the day. Mr. HENWOOD is NOW in CORNWALL, INSPECTING several MINES. Communications addressed to the office will be attended to; and parties wishing mineral property inspected by Mr. Henwood in Devon or Corawall on his present visity, must forward their instructions on or before the 23d instagraph-yard, Park-row, Leeds, Oct. 13, 1853.

MR. E. S. BOYNS, AUCTIONEER, MINING, AND SHARE-BROKER, GENERAL AGENT, &c., PENZANCE, CORNWALL. 26

MESSRS. HARRISON AND BRERETON, MINING BROKERS, 32, CASTLE STREET, LIVERPOOL. 24 MR. RICHARD HAWKE, MINE SHARE BROKER,

CROKER BROTHERS, STOCK AND SHAREBROKERS

MESSRS. GREEN AND SON, MINING ACCOUNTANTS, 9, UNION COURT. OLD BROAD STREET.

MR. GEORGE SPRATLEY TRANSACTS BUSINESS in all BRITISH and FOREIGN MINES.—2, Winchester-buildings, London. 34

MR. JOSEPH WM. OLIVER, DEALER IN MINING SHARES,

MINING OFFICES, No. 5, UNION COURT, OLD BROAD STREET, LONDON.—Mr. G. BUDGE begs to inform his friends and the public that the will be glad to RECEIVE their ORDERS for the BUYING and SELING of all description of MINING PROPERTY, at the closest prices of the day of

MINING OFFICES, 7, GEORGE YARD, LOMBARD STREET,
LONDON.-WILLIAM HUNSLEY FOX OFFERS HIS SERVICES to
parties interested in MINES, HOME or FOREIGN. The present depressed state of
the English market presents an unprecedented opportunity for profitable investment.
Every information given, and lists of prices furnished on application.

INITION INVESTMENT.—T. FULLER AND CO., 51, THREADNEEDLE-STREET, LONDON, beg to sail attention to the favourable opportunity of INVESTIME IN BRITISH MINES, particularly in those dividing their
profits every two or three months, which average from 15 to 20 per cent., with every
prospect of continuance, and being free from fundatation, such as Cansols, railway,
and other securities; and resp. cifully direct attention to the PURCHASE of SHARES
in many PROGRESSIVE MINES, being in full operation, with efficient machinery,
&cc., for the development and bringing the same into a profitable state of working,
which, at present prices, cannot fail to remnarche all who invest; a careful election
of such alone can be obtained by a daily communication with agents of high scientific
and practical experience of the principal mines in Devon. Comwall, and Wales.

T. Fuller and Co. will furnish every information to capitalists, either personally
or by letter, and can effect purchases or sales of every description.

WHEAL EDWARD MINING COMPANY.

HEAL EDWARD MINING COMPANY.

TO THE REPTOR OF THE MINING JOURNAL.

SIR,—You will have the goodness to permit me, through the same medium, to correct an error that occurred in your last impression, under signature of Joseph Hodge. While I impute no positive malice, or intended falsity, on the part of Capt. Hodge, in fathering on me an offspring of his own imagination, or some crude idea of some of his friends, yet I cannot but feel that my name is impolitely associated with matters which I could heartily wish had no existence. In justice to the truth, I emphatically deny having in the least intimated that my right to Edward, on the 10th inst., was an embassy from Capt. T. Carpenter. Captain Hodge should remember that no Amril worsh took piace between his colleague and myself, but that our entire interview breathed the friendlicst spirit. To the eredit of Captain J. Carpenter, I assert that his conduct was most courteous and becoming throughout, and I am gratified that the effect of my persuasion was to mitigate and soften the terrible and blighting tenor of his MS. letter. On the morning of the 10th inst, I farst read the report signed. T. Carpenter, in your Journal of the 8th. Before I had perused a dozen lines I detected the unmistakeable lineauments of my respected successor to office. My first impression was of disgust at the effrontery of the desciver, and surprise at the dupery of his victim. Although acquainted with many of the leading features of Wheal Edward, yet I confess the aspect of this mine was so changed by the pencil of its late purser, that but for the heading I should not have identified it. I considered the callumy too atrocious to be allowed to pass unheeded. Having occasion to be in the neighbourhood of Wheal Arthur, I called (as is my habit) on the agents, to learn the prospects, &c. Capt. T. Carpenter was very kind in explaining the positions and bearings of the two lodes in question—i. e., the did lode and the north lode (the productive one). The backs of both lodes were shown, and their

WHEAL EDWARD.

Sir,—As the authorship of the report on this mine, dated 3d of October, bearing my name, has been questioned, I beg leave to state that I was the author, and fully impressed with the truth of what I had written.

THOS. CARPENTER, Manager of Wheal Arthur.

WHEAL EDWARD.

WHEAL EDWARD.

Sir.—In a report, signed by Cupt. Thomas Carpenter, on Wheal Edward, in your Journal of the 8th instant, I see he has included the steam-engine in that sweeping statement of his, or rather, of that worthy young man's, the late discharged purser. Knowing Capt. Thos. Carpenter's ignor-unce of engineering, and feeling assured that he was drawn into signing this report by some interested parties, without being aware of the uses to be made of it, or understanding the meaning of the language in which it was written, so different from his manner of expressing himself, I did not at first intend to trouble you with any remarks on the subject, but I think it is due to the shareholders of this promising roung mine (as their engineer) that I should deny these assertions and insinuations with as much publicity as this party has taken so much trouble to do with this revengeful report, well knowing the late purser has spared no parks since his dismissal to injure this adventure in the estimation of the public. To prove that the engine is an efficient one, I will give you the amount of work it is doing and the quantity of coals used. The engine goes about two strokes per minute, and is consuming about 2 cets, of coals in 24 hours. This, I think, is clear proof that the engine is not so badly constructed or so much damaged as to prevent the mine being effectively developed; for whatever Cupt. Thos. Carpenter may assert, it is very generally credited in this neighbourhood that economy of fuel is a very good test of an engine's efficiency. The great damage that the engine has sustained I suppose must refer to a crack in the flange of the cylinder, which is about 8 in. long at the edge of the flange, going towards the body as far as the back of one of the bolts, and producinced by Mr. Wast, engineer, to be of no detriment whatever to the working of the engine. I am prepared to prove that the engine is properly and well made and erected, and will do its work as well and as economical, and do as good a duty, as any en

WHEAL EDWARD.

Tacistical, 6ct. 19.

WHEAL EDWARD.

Sita,—In consequence of the obscure and incoherent manner and the bad grammar in which they are written, it is almost impossible to understand, even with a great effort of the imagination, the meaning of any of the writers whose names appear in the adsertisement published in your last Journal, relative to this company. Apart, however, from this, it appears to me, that the partics have a very peculiar method of arguing. They have their "catabilished facts," their "otheriples," "characters," their "duties," and talk much about them, like most people who are found to dowrong; but their peculiarity consists in this, that, instead of dealing straightforwardly and immediately with the complaint made against them, they shrink from the logical application of their "principles" to their own conduct, and endeavour to deduce conclusions favourable to themselves, from distorted views of the circumstances of the particular cases made out against them. If their case is sound and their conduct correct, they have but to deny and demolish the statements made against them. The fact is, however, that the report of Capt. Thomas Carpenter is manuscerable, because it is in every word true; and kerein lies its power and its wrise. As to the motives, of which Mr. Fuller boasts of having such intimate knowledge, does he not know that all motives may be referred to self-interest, and that in this way his conduct would prove rather equivocal, if he supports those who give the most bropitious accounts, at the sacrifice of crath, of a property in which he "bolds a large interes." Solf-interest did, no doubt, dictate the inspection of the mine by Capt. Thos. Carpenter, but it is that manifestation of self-interest, and that in this way his conduct would prove rather equivocal, if he supports those who give the most bropitious accounts, at the sacrifice of crath, of a property in which he "bolds a large interes." Solf-interest did, no doubt, dictate the inspection of the mine by Capt. Thos. Carpenter, but

solves. Hence the confusion he makes about the "old lode," "it "reast-culting to the north lode," the "its," and the "inspections."

He certainly makes a very ingenious parade of the asserted circumstances attending the writing of Captain Thomas Carpenter's report. The statement, however, is false, and must have been conceived by the spirit of a beershop-keeper.

Mr. Sims, in his indiscriminate exgerness to accommodate his friends, seriously compromises them; for his statement concerning Wheal Arthur is in direct containing the writing of Capt. James Carpenter), at a general meeting of the Wheal Edward shareholders, held 23d Sept. last, to the effect that there was \$20,000 worth of ore discovered above the 35 fm. level on the Wheal Arthur north lode. Subsequently to this statement, only 285 tons have been raised and sampled. I do not say that their statement made at the meeting is true or false, but it certainly demolishes the story of Mr. Sims or Capt. James Carpenter; and it is for this purpose, and not because I attach any importance to the statement of either party, that I adduce the circumstance.

The first observations that I have to make on the letters of Capt. James Carpenter are, that they are egotistical and conceited. They are, too, very offensive in their style and phraseology. Without attempting to disprove the facts and arguments set forth in the clear and lucid report of Capt. Thomas Carpenter, he contents himself with a general and vague assertion, that "the scorks under his management are improving; that he is doing overything for the best." He is guilty of an impertinence in mentioning disrespectfully one of his employers, and indulges in some wild speculations on the subject of motives. All this he considers pertinent and proper; but to notice the report—to deal with the clear and inteligent statement thereof, would be, according to his pretular method of arguing, "superfluous." To be rude to his superfluous."

The only tangible part of his communication is that relating to the laying out of

superfluous."

The only tangible part of his communication is that relating to the laying out of the engine-shaft, at which he says Capt. Thos, Carpenter and "his clerk" were present. Now, the fact is, that Mr. William Watson (not Capt. Carpenter's clerk, but one of the principal proprietors of the mine) was present, together with Thos. Carpenter's rigmarole, had it been true, they did not coincide in placing the shaft where it is. They did throw in their "mite" of advise and reasoning to prevent the commission of a lamentable error, but, with the consammate conceit of ignorance, their advise and caution was disregarded by Capt. J. Carpenter. At this point, however, the writer plainly loses himself, and tacitly admits the main point of his brother's letter. He then institutes a comparison between himself, his brother, and others. The test of merit lies in results, and viewed through this medium, what are the respective merits of the parties concerned! What mines of importance or profit has Capt. J. Carpenter promoted? Taking all the mines of which he is the so-called manager, what quantity of one do they produce! I can not acquainted with any circumstances which would afford a satisfactory answer to these questions; but I do know, and the fact is patent, that Captain Thos. Carpenter is the valued manager of one profitable and important mine; that through great difficulty he has brought that property to its present position; that his whole heart and energies are devoted to the management thereof; that morning, noon, and night he is to be found on the mine; that every agent who has visited it pronounces every department as heing perfectly managed; that the proprietors (a most wealthy and respectable body of men) enter.

tain the highest estimation of his ability and industry, and believe that he is a sterling and truthful man; and I know that he is plain and simple in his manners, and
uniform and consistent in the performance of his duty.

The way in which Mr. William Watson has been mentioned and threatened, is regarded by conscious apprehension as a failure in argument and a puerile exhibition
of malice. He is, however, so far above the persons who take the liberty of using
his name in talent and position, that it is impossible for anything that they can say
to reach or affect him. The force of respectability alone is so overwhelmingly in his
favour, when the position of the parties is considered, as to render positively absurd
the wanton attack that has been made on him in the Wheal Edward advertisement.
As to knowledge of mining, I (and I know that my opinion is entertained by many
whose good opinion it is an advantage to enjoy) would much prefer the epinion of
Capt. Thomas Carpenter and Mr. William Watson, to those who have attempted to
asperse them. I am, Sir, your obedient servant.

London, Oct. 17, 1833.

AND WHEAL EDWARD MINES.

London, Oct. 17, 1833. AND WHEAL EDWARD MINES.

WHEAL FORTUNE (SOUTH TAWTON) MINING COMPANY.

Notice is hereby given that a SPECIAL MEETING of the shareholders of this company, called in pursuance of a requisition signed by sharcholders holding upwards of 360 shares, will be HELD at the offices of the company, No. 1, Cushion-court, Old Broad-street, London, on Tuesday, the 15th day of November next, at One o'clock precisely, to consider and decide upan the following questions:—

That the fifth rule of the company, requiring fourteen days' notice to be given for any general or special meeting of the shareholders, be altered to seven days.

That the whole of the seventh rule of the company be rescinded.

That in consequence of it having been deemed advisable to reconsider the two following resolutions of the general meeting of shareholders of the 5th, and confirmed by special adjournment to, and held on, the 20th of July last, the decision of the shareholders be again taken thereon.

"That the shares of this company be, and are hereby, reduced in number to 4000, and that in future the mine be divided into 4000, instead of 5000, shares or parts."

"That a call of 2s. 6d. per share be, and is hereby, made upon each of the 4600 shares, now constituting the whole of the mine, and that the same be paid on or before the 21st July inst."

That should the above two resolutions be confirmed at the special meeting, all shares upon which the call of 2s. 6d. per share remaining then unpaid, be declared forfeited, and that the necessary measures required by the Stannaries Court be immediately taken to confirm the legal forfeiture, and dispose of the share as the court may direct. That in the event of the above two resolutions being again confirmed, it will then be proposed to add the following as a new rule of the company:—

That the shareholders assembled at any special general meeting shall have full power and authority to after the number of shares or parts into which the company is divided, by either increasing or diminis

reititee of management and two trustees be elected, to act until the next eeting. OSMUND LEWIS, Chairman. -monthly meeting. 1, Cushion-court, Old Broad-street, Oct. 21, 1853.

THE LONSDALE COPPER AND SILVER-LEAD MINING COMPANY, ENNERDALE, CUMBERLAND.

Divided into 2100 shares, issued in Certificates to Bearer at £5 each, all paid up. No further call to be made.—No liability whatever.

EDWARD WILLIAMS, Esq., Honeycombe House, Calstock, near Tavistock.

PRANCIS CODD, Esq., merchant, 2, Morice-square, Devonport, dr. THOMAS KNIGHF, mining engineer, Calstock, Cornwall.

dr. WILLIAM CURNOW, mine agent (for Messrs, Williams, Scorrier House, Truro), Calstock, Cornwall.

Mr. WILLIAM CURNOW, mine agent (for Messrs, Williams, Scotter Roses, 1998).

Mr. JOHN SIMS, Slimeford, Calstock, Cornwall (mine agent more than 29 years with Messrs, Williams, Scottier House, Truro).

(With power to add to their number.)

BANKERS—Messrs, Head and Co., Whitehaven; Messrs, Masterman, Peters, and Co., London; Devon and Cornwall Bank, Tavistock and Devonport.

SOLICITORS—Messrs, W. and I. Lumb, Whitehaven.

MANAGER—Mr. John Sims.

[RESIDENT AGENT—Capt. John Oxnam. Opputers — STIMEFORD, CALSTOCK, CORNWALL. OFFICES,-SLIMEFORD, CALSTOCK, CORNWALL.

MANAGER—Mr. John Sims.

OFFICES,—SLIMEFORD, CALSTOCK, CORNWALL.

This property comprises the waste lands within the Manor and Forest of Ennerdale, near Whithaven, Cumberland; being in area upwards of 30 square miles; granted by the Right Hon. the Earl of Lonsdale, for a term of 21 years, at 1-15th royalty. The property is surrounded by well-known and proved good mines of copper, silver-lead, and black lead, or plumbago. The facility for working is almost unparalleled in the annals of mining. No other machinery will be required than a water-wheel for crushing and stampling the ores, which will be brought to the dressing-floors by tram-wageons, through cross-cut levels in the mountain sides, as shown in the plan. Reports from some of the best men in the mining world will show the value of this extensive property. The present proprietors having discovered and laid open some valuable lodes, parties are invited to inspect for themselves. The mines being situated amidst the boid and magnificent mountain scenery of West Cumberland, and near the beautiful Lake of Ennerdale (within the bounds of this royalty), offers an opportunity for a delightful pleasure excursion, with an inspection of these mines.

The present proprietors think it but fair to retain for themselves 700 shares, and offer to their friends and the public 1800 shares, at £5 each, to form a working capital of £7000, being double the estimated sum required; thereby making sure that no further call will be made, or liability incurred by the shareholders. It can readily be seen that an immense quantity of ores will be returned before one-half the capital is expended, thus making the explorings self-supporting; for, in fact, a return may be made immediately the dressing-floors and road are formed, and the water-wheel exuences and stamps are put up. One of the lodes already discovered will now produce 5 tons of good copper ore per fm.

Applications for prospectuses and shares may be made to W. and I. Lumb, solicitors, Whitehaven; Mesers. Head and Co., Carlie;

London; and Mr. John Sims, Slimeford, Caisrock, Tavistock.

LONDON AND COUNTY JOINT-STOCK HOTEL COMPANY.

(Provisionally Registered, 7th and 8th Vic. cap. 110.)

Capital £1,000,000, in 500,000 shares of £2 each.

Public attention having recently been directed by the press to the removal of an abuse in our social system, almost amounting to a national reproach, the promoters of the London and County Joint Stock Hotel Company, feel that it would be superfluous to enter into lengthened arguments in favour of any measure having such a tendency, they therefore, without further preface, beg to invite the attention of all parties interested in hotei management and charges to the following arrangements, which they have in contemplation—viz., to establish one or more hotels, bearing the name of this association, upon a first-rate scale in London, with branches in the principal towns of the United Kingdom, offering accommodation for travellers of every grade, with an uniform and liberal published tariff,—combining the Continental and American system of Tables D'Hote and public rooms with the comforts of an English hotel—abolishing, in every form, the objectionable practice of a charge for attendance, modifying the present charges for partments, lights, &c., and through the medium of the Electric Telegraph, maintaining a direct communication between the company's various establishments and the company's various establishments as this company contemplate, will offer musual inducements for habitual resort. They would further point out to the investing capitalist, that the mode of raising the capital of the company in small shares, will create a diffusiveness of interest, that must, of itself, ensure ultimate success, and thereby ample dividends to the shareholders.

Prospectuses, explaining more fully the views and intentions of the association, are now published; is and the secretary will be in attendance daily, from Ten to Four, at

the snareholders.

Prospectuses, explaining more fully the views and intentions of the association, are now published; and the secretary will be in attendance daily, from Ten to Four, at the company's offices, 6, John-street, Adelphi, where all communications and applications for shares are requested to be addressed.

THE PENINSULAR AND ORIENTAL STEAM NAVIGATION
COMPANY.
DEPARTURES OUTWARDS.
INDIA and CHINA, via EGYPT.—For Aden, Ceylon, Madras, Calcutta, Penang,
Singapore, and Hong Kong, on the 4th and 20th of every month from Southampton;
and on the 10th and 26th from Marseilles.

AUSTRALIA via SINGAPORE.—For Adelaide, Port Philip, and Sydney (touching at Batavia), on the 4th November, and 4th of every alternate month thereafter from Southampton, and on the 10th November, and 10th of every alternate month thereafter from Marseilles.

MALTA and EGYPT .- On the 4th and 20th of every month from Southampton; MALTA and CONSTANTINOPLE,—On the 27th of every month from Southampton

SPAIN and PORTUGAL.—For Vigo, Oporto, Lisbon, Cadiz, and Gibraltar, from outhampton, on the 7th, 17th, and 27th of every month.

outnampton, on the An, 17th, and 27th of every month.

CALCUTTA and CHINA.—Vessels of the Company ply occasionally (generally once
month) between Calcutta, Penang, Singapore, Hong Kong, and Shanghae.

For further information, and tariffs of the Company's rates of passage-money and
reight. for plans of the vessels, and to secure passages, &c., apply at the Company's
ffices, 122, Leadenhall-street, London; and Oriental-place, Southampton.

GALVANIZED IRON BOOFS, AND WIRE STRAND FENCING. R. HENRY J. MORTON, GALVANIZED AND CORRUGA

R. HENRY J. MORTON, GALVANIZED AND CORRUGATED TRON ROOFING WORKS, No. 9½, ALBION STREET, LEEDS, the ORIGINAL MANUFACTURER of the PATENT STRAND FENCING, formed of twisted wires, for parks, pleasure grounds, railways, inclosures, &c. Upwards of 600 miles have been fixed in this country, and it is admitted to be the most efficient fence in nec. Price from 1s. 4d. to 3s. per yard, fixed, according to the kind of fence. IRON HURDLES, GATES, & sold WIRE FENCING, manufactured at low prices. GALVANIZED GAME NETTING, very strong and neat, and NEVER REQUIRING PAINTING, 2 ft. wide, and 2 in. mesh, 7d. 9½d., and 1s. 0½d, per yard. GALVANIZED IRON GUTTERS, never want painting, 9d., 1s., & 1s. 4d. per yd. GALVANIZED BOND ROOFING, for farm buildings, mills, sheds, &c. ASPHALTED ROOFING FELTS, id. per square foot.

ASPHALTED ROOFING FELTS, id. per square foot.

See 100 yards.

15s. per 160 yards.

For prices, drawings, and estimates, apply at the manufactory, 9½, Albion-atreet, Leeds, Sole Agent for the Fire Annihilator Machines, and Kuper's Improved Patent Wire Ropes.

A SSAYING.—CITY SCHOOL OF CHEMISTRY AND ASSAY OFFICE, DUNNING'S ALLEY, BISHOPSGATE STREET WITHOUT. Conducted by John Miychell, F.C.S., Author of Manual of Practical Assaying, Manual of Agricultural Analysis, Treatise on the Adulteration of Food, Metallurgical Papers, &c. ASSAYS and ANALYSES of MINERALS, METALS, and every manufacturing product. scturing product.

SPECIAL INSTRUCTION in ASSAYING and CHEMISTRY for gentlement friending to spaceed to the colonies.

All enquiries respecting scale of fees, &c., to be addressed as above.

M. G. P. MUNTZ'S (Jun.) PATENT SOLID BRASS TUBES, these tubes to the notice of engineers and the public, the patenter respectfully direct strention to some of the advantages they possess over those previously in use:—// lst. Economy in the first cost.—2d. Greater durability, being made of a mixture of metal hard in its own nature, and not mechanically hardened, as ordinary brass tubes are, which renders them liable to split or burst when subjected to the expansion and contraction caused by the heating and cooling of the boiler.—3d. Equality of hardness throughout, the metal being sufficiently tough to bear expanding, when fixing in the boilers, without softening the ends, which is necessary in fixing the brass tubes previously in use, and which causes the softened parts to wear more.—the They are less liable to corrode than any mixture of brass which can be manuactured into tubes by the process previously employed.

G. F. Muntz's Patent Metal Company, French Walls, Birmingham, sole manufacturers.—Agents for London: Charles Moss and Co., 23, Fenchurch-street; Young, Dowson, and Co., Limehouse.—Bristol: E. Drew, Clifton Park.—Liverpool: C. Moss and Co., Redeross-street.

DATENT SAFETY FUSE.—The GREAT EXHIBITION PRIZE MEDAL was AWARDED to the MANUFACTURERS of the ORIGINAL SAFETY FUSE, BICKYORD, SMITH, and DAVEY, who beg to inform Merchants, Mine Agents, Railway Contractors, and all persons engaged in Blasting Operations, that, for the purpose of protecting the public in the use of a genuine article, the PATENT SAFETY FUSE has now a thread acrought into its centre, which, being patent cight, infallibly distinguishes it from all imitations, and ensures the continuity of the gunpowder.

der.

Puse is protected by a Second Patent, is manufactured by greatly improved and may be had of any length and size, and adapted to every climate.

Address,—BICKFORD, SMITH, and DAVEY, Tuckingmill, Cornwall.

AFETY FUSE.—Messrs. WILLIAM BRUNTON and CO., PEN-HALLICK, near REDRUTH, CORNWALL, MANUFACTURERS OF FUSE, of every size and length, as exhibited in the Great Exhibition of 1851, and supplied to the Royal Arsenal at Woolwich, the Arctic Expedition, and every part of the globy Messrs. BRUNTON & CO. are at all times PREPARED to EXECUTE UNLISHING ORDICES for SUPPLYING FUSE direct from their own MANUFACTORY, upon warrant that it will prove equal to, if not better, than any to be procured elsewhere.

PARTENT SMOKELESS FURNACE OFFICES are NOW REMOVED to larger premises, fronting Graceburch at the offices, No. 60, king William-street, and No. 1, Fish-street-burches on whose preemises the inventor on whose premises the income in daily operation. Also, by Messers, H. J. MORTON and CO., Jamesser, and No. 18, Fish-street-burches of firms in London and the consumption of smoke; and remain, dear Sir, yours respectfully.

Mr. Lee Stevens, 60, King William-street, City, London.

The PATENT SMOKELESS FURNACE OFFICES are NOW REMOVED to larger premises, fronting Graceburch-street and Eastchead.

This lavention continues to be SUCCESSFULLY ADAPTED to LAND and MARINE BOILERS, COPPERS, PANS, STILLS, &c.

Information respecting LICENSES to MANUFACTURE or USE the PATENT SMOKELESS FURNACE of MANUFACTURE or USE the PATENT SMOKELESS FURNACE, and No. 1, Fish-street-bill City, London, where testimonials, &c., may be obtained, and references to firms in London and elsewhere, on whose premises the invention is in daily operation. Also, by Messers, FRANCIS MORTON and CO., James-street, Liverpool, and No. 18, St. Mary's Gate, Manchester; and Messrs. H. J. MORTON and CO., 9\(\)3, Albion-street, Leeds.

THE CHEAPEST AND MOST POWERFUL QUARTZ CRUSHER yet invented is BAGGS'S STEAM STAMP, protected by a double patent. A small 4-horse engine will crush 30 tons of quartz or ore in 12 hours. The engine is complete in itself, and needs no separate steam-engine, or other motive power to teep it in action.—To be seen every day at 92, Blackfriars-road.

These stamping-engines are capable of CRUSHING BLOCKS A FOOT SQUARE.

These stamping-engines are capable of CRUSHING BLOCKS A FOOT SQUARE.

XTRACTION OF GOLD AND SILVER FROM THEIR ORES.

—The NEW RAPID AMALGAMATOR (BAGGS'S PATENT) requires ONLY

BALF the usual amount of MERCURY, and effects an enormous SAVING of TIME
in the process of AMALGAMATION. The NEW MERCURIAL SEPARATOR, secured under the same patent, effects a complete separation of the mercury from the refuse quartz, after the process of amalgamation is complete, in the space of a FEW SECONDS, instead of requiring, as at present, a tedious operation of some two novas.

In these machines, improved mechanical arrangements are aided by the most
bowerful chemical affinity, and from the principles introduced, it is next to impossible
for a particle of gold to escape. The three following companies have already adopted
for a particle of gold to escape. The three following companies have already adopted
Californian Gold Mining, and the Anglo-Australian Gold Mining Company.

For terms of license, and other particulars, apply to Mr. Isham Bagg, Mining
Journal offlice, 26, Ficet-street.

THE NEW STEAM STAMPS, FOR CRUSHING GOLD QUARTZ
AND METALLIC ORES—(BAGGS'S PATENT).

These powerful MACHINES are now TO BE HAD at a SHORT NOTICE, and of normal normal of horse-power, from four to twenty.—All communications to be adressed to Mr. Isham Baggs, at the office of the Mining Journal, 26, Fleet-street.
A t-horse Steam stamp, complete, £130, royalty included, for cash, and other sizes to proportionate rates.

of moderate power, under this patent, have been for some time in operation:

TO ISHAM BAGGS, ESG., LONDON.

DEAR SIR,—In reply to your letter of inquiry about the action of your Patent tamping Machine, I beg to say, that I have now had it fully at work for two months; he quantity of coarse metal it will crush with ease is about 20 tons in 10 hours—bout two-thirds is crushed fine, the remainder would require to be stamped a second ine, to reduce it to the same fineness. The steam used is very little, and the crushing force very great; large lumps of the metal (which is very hard) are immediately roken down—when I say large, I mean lumps as big as ordinary paving stones. I m now putting up the second machine which you sent me, and have no doubt it will ive (as the first has already done) entire satisfaction. I am quite convinced that the rinciple is excellent, and far superior to any other mbde of crushing.

Spitty Copper Works, Llamelly. I am, yours, &c., ALTRED TRUENAN.

The patent stamps may be used with atmospheric pressure, through the medium of water-wheel or other prime mover. The application is extremely simple, very overful, and where a motive-force is ready at hand, the machines cost less than when learn is employed.

NOTICE.—TO GOLD COMPANIES, AND THE MINING WORLD GENERALLY.—THE NEW STEAM STAMPS.—One of these powerful ENGINES HAS JUNT BEEN ERECTED, and is NOW SET TO WORK, at Messrs. MEDWIN and HALL'S, Engineers and Portable Engine Makers, No. 92, BLACKFRIARS ROAD, where it may be seen in operation daily, and its powers subjected to any required test. These stamps, after the most careful inspection, have already been adopted by the following companies:—

een adopted by the following companies:—
THE ENGLISH AND AUSTRALIAN COFFRE COMPANY.
THE ANGLO-CALIFORNIAN GOLD MINING COMPANY.
THE ANGLO-CALIFORNIAN GOLD MINING COMPANY.
THE ANGLO-AUSTRALIAN GOLD MINING COMPANY.
THE ST. ORIN DEL REY (GOLD MINING COMPANY.
THE ST. ORIN DEL REY (GOLD MINING COMPANY.
THE ENLARDS LEAD MINING ASSOCIATION (Spain).
THE LINARDS LEAD MINING AND SMELTING COMPANY (Spain).
THE SAN PERNAMOL LEAD MINING COMPANY (Spain).
THE SAN PERNAMOL LEAD MINING COMPANY (Spain).
THE NEW LINARDS LEAD MINING COMPANY (Spain).

THE NEW LINARES LEAD MINING ASSOCIATION (Spain).

And they are about being adopted by several other companies and private individuals, who have carefully timed the results of their crushing powers, and submitted their capabilities to the most severe tests. In proof of the utility of these engines, it may be observed, that the saving in manual labour which they will effect to one company alone (the St. John del Rey) will amount to many thousand pounds sterling per annum.—For eards to view the engine at Messes. Medwin and Hail's, apply, by letter, to Mr. Isham Baggs, Mining Journal office, 26, Fleet-street, London, where any further particulars may be obtained on application.

TMPROVED STEAM HAMMERS.—Mr. ISHAM BAGGS is mow prepared to SUPPLY ironmasters, engineers, manufacturers, and miners, with STEAM HAMMERS and STAMPS of the most IMPROVED CONSTRUCTION, for forging and hammering iron and other metals, driving piles, and stamping and crushing gold quartz, metallic ores, and miners, of overy description. By the introduction of a principle recently patented by himself, in conjunction with Mr. Frederick Bramwell, C.E., no less than FIFTY PER CENT. of the STEAM now used is 8A VEID, while the blow struck is very much harder than in the engines now in use.

The NEW STEAM-STAMPS, for crushing ores, have been adopted by many of the leading companies, and they are now at work in various parts of North and South America, Australia, and England. They are eminently adapted for spalling, as well as crushing to fine powder, and they effect an enormous saving in superseding manual labour. A four-horse steam-stamp complete, with all the latest improvements, £149 (royalty included), for cash; a twenty-horse engine ditto, £650, and other sizes at proportionate rates. Contracts to any extent undertaken.

For further particulars, apply to Mr. Isham Baggs, Mining Journal office, No. 28, Fleet-street, London.

SEVERAL OF BAGGS'S PATENT STEAM STAMPS (at prices varying from £75 to £160) are NOW ON SALE, and READY FOR DELIVERY AT A DAY'S NOTICE. They effect an enormous saving of time and labour in spalling, cobbing, and crushing ores.—All communications to be addressed, Mr. Isban Baggs, Mining Journal office, 26, Fleet-street, London.

INING.—Much MINING WEALTH remains UNEXPLORED in consequence of the large capital necessary to try the real value of mining property. This object is now accomplished for a SMALL OUTLAY, without delay, by the HIRE of MEDWIN AND HALL'S PATENT PORTABLE STEAM-ENGINES, for pumping, winding, &c. These engines may be rented for any time required, of 19, 14, 20, or 30-horse nower, and upwards; are strong, simple, mounted on broad waggon-wheels, horse-shafts to remove at pleasure, may be set to work without delay of fixing brick-work, chimney, &c. Several are ready for delivery, either at rental some property of the shore engines are already employed in mining purposes.

**Some of the above engines are already employed in mining purposes.

OTICE TO RAILWAY AND STEAM-BOAT TRAVELLERS.

ANDERTON'S HOTEL, 162, 164, and 165, FLEET STREET. BREAF-FAST, with joint, 1s. 6d. BEDS, 10s. 6d. per week. DINNERS from Twelve to Elip It o'clock; joint and vegetable, 1s. 6d.; with soup or fish, 2s. TURTLE SOUP and VENISON DAILY. TABLE D'HOTE at Half-past One and Half-past Five, at Tyo Shillings each. A night porter in attendance.

RIDER'S HOTEL, 46, SALISBURY SQUARE, FLEET STREET, LONDON. Central -Airy-Quiet-Moderate. A night porter in attendance. W. RIDER, Propriety

AMM

d ir

being being le soil, a at all ical; a low cornece of orthern

lonia, lostly d nd wate e persi least (

Original Correspondence.

CORONERS' INQUESTS.

SIR,-My attention has only just been drawn to an article in your va Inable Journal of the 8th inst., that I am sorry to say escaped my previous notice, in which you quote an article from the Cambrian paper, and make use of it as a peg to hang out a fierce tirade against coroners' inquests in general, and more especially an inquest held by me, at Aberdare, on the 19th ultimo. Now, permit me to state, that the report in the Cambrian paper in question, of the verdict in that case, was totally wrong, and no such verdict was ever given. How the Cambrian paper could have fallen into such a gross error, or from what source they obtained their information, I am at a loss to imagine, as I am not aware that there was any reporter from that paper present. I can only account for it by the fact that I held two inquests at the same place, before the same jury, consecutively, and they have applied the verdict in the one case to the inquest is the other. I regret extremely that you should have been so deceived, or that the jurymen at Aberdare should, even for a moment, have been subjected to such an imputation, as they have latterly had some most scrious and important cases, involving some of the most fatal explosions in the kingdom, to investigate; and I will most fearlessly assert that no set of men in the kingdom could have performed their difficult and onerous duties in a more patient, careful, and intelligent manner than they have always done. It must, therefore, be mortifying to their feelings, as well as my own, to be subjected to such an unjust rebuke.

With regard to your observations on coroners' inquests in general, I believe you will find that precisely the same remarks would apply equally to all other juries, whether grand, special, or petty, as well as coroners'; and I have no doubt if you were to scan the decisions in each case with the like severity, you would find as many questionable in the one as the other. At all events, the experience I have had fully confirms my impression that such is the fact.

Allow me also to add, that in the censures that are so often passed upon the luable Journal of the 8th inst., that I am sorry to say escaped my pre-vious notice, in which you quote an article from the Cambrian paper, and

COPPER SMELTERS' MONOPOLY.

R

Z

S. LY

TZ

t. sizes

EAN.

f these VORK, No. 92, ers sub-nave al-

e indivi-abmitted agines, it one com-rling per by letter, any fur-

GGS is

d miners, UCFION, uping and the intro-Frederick S SAVEI, any of the and South ng, as well ng manual tents. £140 er sizes at

ce, No. 26,

Mr. Isham PLORED e of mining thout delay. ENGINES.

required, of red on broad ithout delay ser at rental kfriars-rental

ELLERS

STREET, Proprietary

 S_{IR} .—When one hears an individual or party constantly complaining Sig.—When one hears an individual or party constantly complaining of ill usage from other parties with whom current events have brought them into contact, there is but one of two things to infor—either that the parties complaining have not made any effort to free themselves from the crils complained of, or they are so weak that any effort they could make would be useless. Since ever your Journal started it has been made the melium of a doleful cry from the miner, "Come and help us." This cry at first may, as it did on the part of the writer, produce sympathy, followed by enquiry and watchfulness over the proceedings of the complainant; but the conclusion come at, and feelings produced, are similar to those one feels when solicited for charity from a strong healthy beggar in good times. If the complaints of the miner are valid, will they condescend to say what they wish the public to do for them, or what prevents them doing something for themselves? Not a few have been attracted by the wailing of the complainants, and came forward in their own way, offering improvements and inventions. The patent list these 10 years verify this willingness on the part of the public. Have the miners ever shown a willingness to meet such aid? No. Has it been otherwise when a new smelting company was started? No. Are they so weak they can do nothing but complain, or are they playing a double game, the monopoly being the best thing for them? The latter is the conclusion I have come to: if the smelters are making such fortunes at the expense of the poor helpless miner, the miner himself is to blame, as he is in the best possible condition to have the lion's share of these fortunes. If the smelting monopoly is an evil, the miner is the most able to break it up, or even if he choose make a monopoly to himself. All I would say, Mr. Editor, is, that if the complaints made about the usage which the smelters give to the miners be true, these public complaints are harmonious music to the smelters, indicating plainly that there are no effort of ill usage from other parties with whom current events have brought

RAILWAY SIGNALS.

Sir, -Observing in last week's Mining Journal a notice of an invention engineer to test the practicability of such an extraordinary invention as to allow any person to blow the whistle of high-speed trains as often as they like, without being in contact with them. I am, therefore, happy to state, not only doth it answer all the purposes mentioned in your Journal, but may be so arranged as to self-act at any required distance from stations, curves, or what not. To show how unerring it must be, I will endeavour to explain its principles of action. First, it consists of a moveable flap, hanging down in front of the locomotive, as near the ground as may be most desirable. On the upper part of the flap is attached a chain or rod, whose other end is fixed to the handle or lever of a whistle; it is, then, evident that any obstacle placed between the rails must be met with by the flap, which also must give way, and be lifted up while passing over it. In doing so it must necessarily pull the cranks attached to the whistle, and thus sound the same. On the other end of the whistle handle is a counterpoise, to shut the plug in its place, ready for another movement. In case of danger, to warn any approaching train, all a person has to do is to throw down, at any place or interval, any obstacle, such as stones, bags of earth, stumps, &c., when the alarm is instantly sounded, to arouse the driver to take his means accordingly.

A Kailway Traveller. dented by Capt. Goble, for humanity's sake I called on the ingenious

MMONIA IN RAIN WATER, RIVER WATER, AND SNOW SIR, -As I conceive that one fact adduced on admitted authority will ve more influence in the advancement of truth than a volume of de-

Sir,—As I conceive that one fact adduced on admitted authority will have more influence in the advancement of truth than a volume of demonstrative reasoning, I am induced, in reference to the papers which appeared in the Mining Journal of 1849 and 1851, to trouble you with the isults obtained by M. Boussingault, of the French Institute. "It appears that the greatest quantity of ammonia is contained in rain water, some that had fallen on the roof of the Paris Observatory yielded four alligrammes in the French litre; while the water of the rivers does not that in 1-10th milligramme in the same quantity. That snow gathered ther lying 36 hours on some fields, yielded ten times more ammonia than that gathered immediately after it had fallen."

That the softness of rain water is referable to ammonia has long been admitted; but until the appearance of my papers, it was conceived that his quality was acquired from the atmosphere. It is, therefore, much be regretted that no reference is made to the relative proportion of amonia in rain and snow water, or such information could not have alied in throwing much light on one of Nature's most important operation—a deficiency, it is hoped, the secans on this side of the Channel lim make good during the coming winter; and it is also to be hoped they will be induced to enquire into the cause of the startling fact, that snow 6 hours' old should be so much more ammoniacal than that just fallen—being reasonably to be inferred that this increase is not acquired from he soil, since rain, in its passage through the earth, parts with its ammonia at all periods of the year. The course I suspect to be purely electical; and if it should so happen that the ammonia of the just-fallen now corresponds in amount to that of rain, we shall have acquired evicance of the very simple means by which the Craxren ensures to the orthern regions a supply of this essential to the production of nitrogenous latter. This is unquestionably the decomposing era of the earth's premet eyele in the creation; and

sands of millions of tons of gases that cannot fail in producing a most powerful influence on both the atmosphere and earth; and cholera, influenza, potato, &c., disease, deluges of rain, and "strikes" are the fruits. Surely, then, the evidence afforded by M. Boussingault will induce at least an enquiry.

FRANKIN CONORTHY.

Maresfield, Sussex, Oct. 17.

Author of Electrical Condition.

IRONSTONE.

SIR,-In the Times of the 17th inst., I perceive an article from the cor respondent of that leviathan journal, dated Birmingham, Oct. 15, wherein it is stated that good ironstone is worth 18s. per ton. This is a most extraordinary price, and it is certain that in usual course of trade, when the traordinary price, and it is certain that in usual course of trade, when the prices of iron are moderate, the manufacturers in Staffordshire cannot possibly compete with those who establish themselves in the district of Cleveland, in the North Riding of Yorkshire, where ironstone, producing from 30 to 40 per cent. of iron, is being worked for less than 1s. per ton, and coals and lime are available at reasonable prices. A line of railway is now being projected (which ought to have the support of the Staffordshire ironmasters) from the coal-fields to Whitby, along which immense quarries of ironstone exist, and whose iron will ere long be produced at a price to bid defiance to all competition from every source. If the Staffordshire ironmasters do not take early steps to settle in this locality, they may, so far as prices go, most assuredly close their works.

A Spectator.

Stokesley, Oct. 18.

for any prices go, most assuredly close their works. A SPECTATOR.

Stokesley, Oet. 18,

MINING AS AN INVESTMENT.—No. III.

Str.,—Previous to the years 1824 and 1825 mining as an alventure, of the apeculative nature that at present characterises it, was scarcely known out of the localities in which the property was situate; but on the independence of the Spanish American provinces, and the publication of the accounts of almost fabulous wealth which it was the most will and improbable schemes, agreement of the spanish American provinces, and the publication of the accounts of almost fabulous wealth which it was the most will and improbable schemes, agreements, and of which speculations, and company of the scheme of the spanish and dispatched to the scene of operations, most all of which speculations, and company of the scheme of the spanish and dispatched to the scene of operations, most all of which speculations, and company of the scheme of the scheme of the spanish scheme of the s

THE MINES OF IRELAND-THE ROYAL HIBERNIAN

MINING COMPANY.

THE MINES OF IRELAND—THE ROYAL HIBERNIAN

MINING COMPANY.

Sta,—As a landholder, and interested in the pursuit of mines, although I am sorry to say none have yet been discovered on my property, I read at all times with interest any reports or tidings which affect our country, and it is indeed pleasing to that that English capital is finding its way, not only as regards our surface, but our subterranean riches; for I believe in the one as well as the other, when capital and ability is applied; and hence it is that I hall with gladness the embarkation of capital from your side. We have, I must confess, done but little for ourselves; yet we have done that well, if you are to judge from the returns or the marketable value of the shares. Now we have the Mining Company of Ireland, with 20,000 shares, 71, paid, or capital of 140,0001. Let us see what have they paid. Why 171,5001; while the value of the shares, according to your last share List, is 310,0004., after having repaid the capital, with an excess of 31,5004. Let us take another instance, which will suffice, although there are many other illustrations which might be put forward. Take the Wicklow Copper Company, with 500ghabrares, and 34, paid thereon, making 25,0004. capital. This company has paid 214. Ss. per share, or 107,0004, and are at this moment 504. per share, or 250,0004. the market value of the shares. The General Mining Company for Ireland, whose operations have been of a limited character, if we may judge from the capital invested. Having thus adverted to one or two of the mines of Ireland, and which I am proud to say are carried on by Irishmen, with Irish management, but at the same time aided by Cornish agents, I would wish to direct your attention, and that of your readers, to the attempts made in your city to foist upon the London public schemes, and to attach to us that blame and censure which should in truth fall upon yourselves. You will, I hope, excuse me if I use a harsh expression, as it is far from my intention to be offensive; yet I fee

consequently, poor Lisoline has fared the fate of Castlemaine, and in the main they are both undone—the only one left to the company to make returns for the capital of 199,600 l. being Clogher, which has, we believe, never sold any ores, but which it is "confidently expected, on the beat authority," will yield some returns.

Having said thus much as regards the mines, allow me, Sir, to have a word or two on the report of the directors; and without wishing to be prolix, I feel that you will indulge me with space as to one or two particular points. In the first instance, the company was formed with 199,600 shares, of 11. each. Of these the projector, or directors, were to have 9,000 shares, or 50,000 for being kind enough to avail themselves of a property for the public good, and reserving to themselves their aimusl stipend, appointment of officers, &c. Looking over the balance-sheet as set forth in your Journal, it would appear to me that, after allowing 50,000 shares to the projectors, &c., the whole capital subscribed by the independent shareholders is 5468. 12s. 11d., or about one-tenth of that contemplated, so that each share may be said to be only one-twentieth of that which it represents as the capital of the company: or, taking another view, that the projectors and directors hold 9-10ths interest in the mine and capital employed, wishout advancing a single farthing. I may be wrong in my conclusions; but these things do occur to us; and as we do not exactly understand your system as practised, you will excuse me. Now, out of this incoming, I am glad to find that a balance remains in favour of the mine of 26121. 14s. 2d., or nearly one-half. This would a first sight show economy had been observed; while the balance, according to my reasoning, would have amounted to something like 45,0001; and here I would observe that, in the absence of the entire capital being raised, the shareholders have been completely deceived. Now of this 28531. 13s. 7d. expended in 12 months, I find the following items to form no lit

MINING IN CUMBERLAND.

MINING IN CUMBERLAND.

Sin,—Permit me once more to address you a few lines respecting the mines on the Cladbeck Fells. I would tell "John Bull" that I have many times been on the Roughtengill Mine, which was formerly worked to a good profit. I have heard from good authority that the former company made a profit of 10,000% during the last four years they worked the mine, and then it was not considered to have been worked to the best advantage. The working miners tell me it is still a good mine, but what the reason is so much money has been lost during the time the present company has worked it is not for me to say. The dues cannot have been the cause of it; because the former company paid 1-7th, the present company but 1-9th, and the Driggeth Mine is 1-10th. They still complain very much of high dues, but we ought not to take in all we hear on this point; perhaps it may be the object of the two companies to keep all others off the Fells. For my own part, I consider 1-10th dues on the Caldbeck Fells equal to 1-15th in Cornwail and elsewhere, where water charges are heavy. The mines in the Caldbeck Fells are worked by levels, and the water runs out without the expense of pumping. They have also plenty of water for driving the water-wheels: whereas in Cornwail they have to sink shafts, creet large engines, for the purpose of draining the mines: they have also the principal part of the ore, to crush and stamp by steam power. Taking these things into consideration, I think "John Bull" will agree with me that 1-10th on the Caldbeck Fells is equal to 1-15th in Cornwail. However, I am glad to hear the lords fully intend reducing the dues.

Cartisle, Oct, 15.

Averansement.

[ADVERTISEMENT.]

WHEAL ALFRED MINING DISTRICT.

WHEAL ALFRED MINING DISTRICT.

Sig.,—The promise of support given to me by Thos. Field, Esq., and Capt. Thos. Richards, induced me to undertake, and I have now completed, a Map of the district comprised within the limits following:—The road leading southward from the village of Carnhell, in Gwinear, to Praze, in Crown, and thence to Nansegolian Common, taking in North Crenver Mine; and northward, from Carnhell to Connor Downs is its eastern boundary. Its northern boundary is the extent in that direction of the parishes of Gwinear, Phillack, and St. Erth. Its western boundary is the western side of the parish of St. Erth; and its southern boundary is the Godolphin Valley, from Relubbus to Nansegolian. The number of mines included is 40, which are named below:—

Clowance Wood.
Wheal Unity Consols,
North Wheal Unity.
La Min.
West Wheal Treasury,
Rosewarne United.
Fast Aifred Consols,
Alfred Consols,
Alfred Consols,
Angarrack Consols,
Boiling Well (Gwithian).
Great Wheal Alfred.
North Wheal Alfred (idle).
Vyvyan Consols,
to the numerous gentlemen amed below :—
Treloweth.
Wheal Squire.
West Wheal Alfred.
Chynoweth (new).
Trannack.
Bosence (now rich).
Lewis Mines.
Trevena.
Gurllyn.
Gilmar.
West Providence. Leeds Town Consols, Paul's Downs, Wheal Carpenter, Boderverran (idle), Herland Mines (idle), Binner Consols, Wheal Treasury, Great Dryn Consols, Nansegollan (idle), South Crenver, North Crenver, North Crenver, Wheal Abraham (idle), Binner Downs (idle), ense of a personal applica

To save the time and expense of a personal application to the numerous gentlemen interested in this promising group of mines, I write this announcement of the fact, that the map is ready for delivery to all who are pleased to signify their desire to possess it, at the very moderate charge of 31s. 6d. It is mounted on French-polished mahogany rollers, and will be delivered in London carriage free. Gentlemen so interested will oblige by communicating their instructions to R. Symons and Son, surveyors and lithographers, Truro, at their earliest convenience.

R. Symons.

Truro, Oct. 17.

THE POLTIMORE MINE.

The politimore Mine.

The politimore Mine.

Sig.—Your Journal of the 8th inst. contains a comment on the Politimore Mine, to which I hope you will permit me briefly to reply. I do not wish to find fault with Mr. Ennor's peculiar notions regarding "granite," though I venture to assert he will find other mines than the Politimore I similes distant from the granite, if he lives 15 years longer; but I do decidedly object to the principle of any person possessing no interest in a mine making comments thereon calculated to injure the undertaking. Mr. Ennor excuses his interference in the affairs of myself and other strangers to him by saying "he has some friends interested."

To these gentlemen I beg to say they will at any time obtain the amplest information at the office; or if they prefer a private communication, I am a considerable shareholder, and largely interested in mining elsewhere, and shall be happy to reply to questions from any bona fide shareholder, for which purpose I enclose my address.

I took my shares on the expectation that the Politimore would one day become of the most productive copper mines in the kingdom, and see no reason to doubt the soundness of this conclusion. The report on which Mr. Emnor remarks states that Capt. Floyd had inspected the 20 fm. level, and found the lode 4 to 5 ft. wide; it had been worked upon to "a considerable distance," but withen "in whole ground." The report continues—"If it (the lode) be found of equal size and value in lower ground—say, in the 30 or 40 fm. levels (to which the shaft is sunk), the question of copper will be as fully and satisfactorily settled as that of the whole of the gossan being more or less auriterous," Now, Sir, I put the question to yourself, is not this a fair and reasonable conclusion? I stere any attempt to pass off this proof of a copper lode for more than its worth? I think you will admit there is not. I will now answer Mr. Ennor's disparaging remarks regarding the operations of the old company, or rather why they were such dupes as to

THE GAWTON UNITED COPPER MINES.

THE GAWTON UNITED COPPER MINES.

Sin,—Permit me, a constant reader, to occupy a small space in the columns of your valuable Journal, on a subject which I deem of considerable importance to all concerned in the well-doing of the Gavton United Copper Mines, near this place.

I have now before me a notice of a special meeting, called for the 24th inst., to consider the propriety of adopting different rules and regulations to what exist at present; and also a printed circular from a shareholder holding more than one-fourth of the mine (Mr. Fuller), calling attention to the expediency of resisting such alteration. It would, perhaps, had been well if those parties wishing for an alteration had stated the necessity for so doing; no doubt this will be explained at the necesing, but there are many shareholders who cannot possibly attend, and it would be exceedingly imprudent to vote by proxy for any alteration, without comparing the original rules and those proposed to be substituted.

One thing I may state; the business of the company having been carried on for a considerable time under the old rules, and all parties feeling tolerably well satisfied, at least up to the month of May last, it is somewhat strange that, with the infusion of new shareholders, and the removal of the London official duties, an attempt should now be made to place this concern, as it were, under a new constitution. If this constitution is to be modelled or framed on the same plan as some of the mines whose business is carried on in London, it is high time for the shareholders to be stirring themselves, and avert the step; but if, on the contrary, it is intended to place the financial affairs of the company in a better position, it will be well for all to acquiesce in the arrangement. It strikes me, however, that the real motive or object of this meeting is only a preliminary step, previous to placing the company under despoint sorted the serious particular to the company made resposition of such particular to the company made responded to the a

BRIDGES, JOISTS, &c., ON THE TRANSVERSE PRINCIPLE.

Mr. S. Perkes, engineer, of Walbrook, has recently erected, at his works in the Borough, a series of timber joists, six in number, and 50 feet in length, supporting a flooring of 2500 superficial feet, on a principle patented by him, remarkable alike for its simplicity, strength, and economy. Each is composed of lengths of half battens, placed vertically, $1\frac{1}{4}$ inch thick, laid so as to break joint; these are crossed at an angle of 45 by pieces of like thickness, which are again covered with similar planks to the first-named, the whole securely spiked together, forming a beam or trus $3\frac{1}{4}$ in. thick and 20 in deep. With a weight of 20 tons placed on the floor, supported by these six joists, the deflexion was scarcely perceptible. The accompanying diagram will give an idea of the plan, representing



the several layers overlapping each other, showing two transverse series, which may be increased or modified to any extent, and this principle may be adopted as safely for a bridge across the Thames as one of 50 ft. The patentee is negociating for the construction of a bridge near Scarborough, on this plan, where the span to be crossed is 380 feet, which will form a light and elegant object in the landscape of this beautiful locality. The importance of this very simple and thoroughly practicable invention can scarcely be over-estimated, as bridges, roofs, crossings, &c., can be erected on this principle, and almost any span required and any amount of strength can be given, so as to render them available either for foot, carriage, or railway traffic, whilst their cost will be at least some 50 per cent. cheaper than ordinary structures for the like purposes, and can be erected in less time than by any other means. They will be found particularly valuable for our colonies, and abroad, where timber is abundant, as no really skilled labour, beyond the manager, is required in their construction, and such is the patentee's arrangement for their erection that in almost every case scaffolding can be dispensed with; hence the expense of this very serious item will be saved. They can be made of any required design, and admit of ornament and decorations to suit any locality. They are particularly valuable forgentlemen's parks, and where ornamental bridges, at a moderate cost, are required. This principle is alike secured for iron, to which this mode of construction is particularly applicable, and we strongly recommend the above to the attention of our engineering friends, and the public, as being worth their notice.

TESTIMONIAL TO MR. HENRY LUARD.

There is a marked feeling very generally influencing the actions of men who have become mutually connected by a joint engagement in the prowho have become mutually connected by a joint engagement in the proper development of some great commercial or other enterprise which enhables our common nature, and evinces an absence of selfishness and envy towards the good fame of others, which has too often rankled in the human breast. It has often been our pleasing task to record the presentation of testimenials of the good feeling of the several members of an undertaking to one of their body, who by his zeal for the advancement of the interests of all, and kindness and urbanity displayed in his conduct to his fellow-labourers with whom he daily comes in contact, has gained him their esteem and best wishes. A pleasing demonstration of this kind was made on Wednesday last, at the London Tavern, when a testimonial, consisting of three elevant and massive silver salvers, were presented to was made on Wednesday last, at the London Tavern, when a testimonial, consisting of three elegant and massive silver salvers, were presented to Mr. Henry Luard, the general manager of the London and County Joint-Stock Bank, from the managers and principal officers, as a token of respect for his personal qualities and attention to the best interests of the bank, and all connected with it. There were about 30 provincial managers, and 19 officers and clerks from the chief office present; and Capt. Strong, the manager of the Oxford Branch, who took the chair, produced several letters of apology for absence, and then read the inscription on the testimon'a', which was as follows:—"Presented by the managers of the London County Joint-Stock Banking Company to Henry Leard, Esq., its general manager, in grateful recollection of his undeviating kindness and courtesy, a token of regard and respect for a superior, to whose financial ability and assiduous exertions the existing high standard and gratifying prosperity of the establishment may be mainly ascribed, 19th October, 1853."

The Chairman bore testimony to the admirable manner in which Mr.

standard and gathlying posperity of the establishment and be manager ascribed, 19th October, 1853."

The Chairman bore testimony to the admirable manner in which Mr. Luard had filled the important office of manager; and said it was a pleasing task for the managers now to express their feelings as to the undeviating kindness and unvarying courtesy they had always received from Mr. Luard; and he for one had witnessed ability and exertions on the part of that gentleman, which would have overwhelmed the mind of an ordinary man. He presented the testimonial, and expressed the wish that he might live long in the enjoyment of that feeling of respect now so cordially expressed by every officer of the establishment.

Mr. Luard received the spontaneous manifestation of esteem and regard as the highest compliment which could be paidhim, and the most gratifying event of his official career. The standard he had established for his guidance, when 12 years since the directors of the London and County Bank.

as the highest compliment which could be paidhim, and the most gratifying event of his official career. The standard he had established for his guidance, when 12 years since the directors of the London and County Bank honoured him with the appointment of general manager, was to combine the utmost practical efficiency with the most gentlemanly consideration for every officer in the establishment. He was aware how far he had been from approaching that standard, and however gratified he might be by their indulgent review of his past services, he should be ungrateful not to acknowledge how greatly his partial success was indebted to their cheerful co-operation—to the talented and efficient aid of his immediate staff—and most especially to the generous support of the Board. Whilst the enlightened and liberal policy of the directors, tempered by a steady adherence to sound banking principles, had exalted the character of the bank, its safety and success were no less interwoven with the intelligence, firmness, and integrity, so conspicuously displayed by the branch managers. He hoped such qualities might long continue to shed their lustre around the establishment, confirming and strengthening those bonds of union which were inseparable from mutual respect and confidence, and which so happily existed between the shareholders, the directors, and the officers of the company. He gratefully appreciated the enduring record which so happily existed between the shareholders, the directors, and the officers of the company. He gratefully appreciated the enduring record of their kindness. It would stimulate him to fresh exertions, brighten the spirits of his declining years, and animate him with the blessed hope of transmitting unimpaired to his children the inheritance of a good name. Mr. Green, manager of the Maidstone branch, moved a vote of thanks to the chairman for presiding, which was seconded by Mr. Law, of the Knightsbridge branch, and carried unanimously.

Railway Traffic.—The traffic returns of railways in the United Kingdom, for the week ending Oct. 15, amounted to 352,328\(l), and for the corresponding week of last year to 317,690\(l).—showing an increase of 31,638\(l), or 10.9 per cent. The gross receipts for the eight railways having their termini in the metropolis amounted to 161,816\(l), and for the corresponding week of last year to 149,792\(l), showing an increase of 12,024\(l), or 8 per cent. The increase on the Eastern Counties Railway amounted to 1295\(l); on the Great Northern to 4073\(l); on the Great Western to 2209\(l); on the London and North-Western to 1982\(l); on the London and South-Western to 1982\(l); on the London and South-Western to 1991\(l); and on the South-Eastern to 481\(l). total, 12,024\(l). The receipts on the other lines in the United Kingdom amounted to 190.512\(l); and for the corresponding week

Eastern to 4816: total, 12,0234. The receipts on the other lines is the United Kingdom amounted to 190,5124; and for the corresponding week of 1852 to 167,8984, showing an increase of 22,6144; which, added to the increase on the metropolitan lines, makes the total increase 34,6384 over the corresponding week of 1852. The total increase from the 2d of Jan. to the 15th of October over the corresponding period of 1852 amounted to 1806 5234 on 13444 per cent. 1.606.523/., or 13:44 per cent.

Granite Blasting in the Highlands.—At Macnevin's Isle, Bonaw, on the banks of Lock Etive, Mr. Sim, of Furnace, Lochdine, has opened a granite quarry, for supplying Glasgow, &c., with causeway stone, and where he is also cutting nome large blocks for monumental work. This quarry has been in active operation for four years, in which time a perpendicular front of 100 feet long by 80 feet deep has been obtained. In these circumstances Mr. Sim determined on mining. Ascending the spur of the mountain, about 90 ft. front of the quarry, a shaft was bored, 80 feet deep, and a mine was cut 40 feet on either side, on a level with the bottom of the shaft. Meanwhile, all the time the miners were at this work they had two men pumping fresh air into the shaft. This completed, two wooden boxes were placed in the bottom of the mine, east and west, containing 4½ tons powder, and the shaft was then built up with Roma cement and bricks, and 20 carts of fine sand, well-pressed, which rendered the shaft air-tight, and so far proof against the explosive power below. The electric wire was led from a considerable distance up the mountain, and the whole operation was finished at a cost of 490! sterling. The lowest estimate we heard was that the blast raised 40,000 tons of solld granite. The experiment was eminently successful, and for several hours the spectators lingered among the ruins, admiring the white blocks of granite, 12 tons in weight, pitched within 10 yards of the loading pier.

Meetings of Mining Companies.

THE BLAENAVON IRON AND COAL COMPANY.

A meeting of shareholders was held at the company's offices, No. 4, Pancras-lane ueen-street, on the 14th instant,

R. W. KENNARD, Esq., in the chair.

The notice convening the meeting, and the minutes of the last, were read, and the

R. W. KENMARD, Eq., in the chair.

The notice convening the meeting, and the minutes of the last, were read, and the latter confirmed.

The CHAIRMAN said the meeting had been called in compliance with the wish of the shareholders, expressed at the last meeting, which was held on the lefth June last, it being, in the opinion of that meeting, expedient that they should meet half-yearly, instead of annually, as heretofore. The directors had not thought it necessary to lay before the shareholders a report, having no information of sufficient importance to require it; but it became his duty to state that the suggestions made by the committee had been carefully taken into consideration, and they had the practical effect of bringing the shareholders together that day. The meeting was aware that it was left entirely to the board to carry out the suggestions with reference to the building of new mills and forges, and also that they were limited to an outlay of 10,000. for that purpose. Upon going minutely into the matter, the board ward or opinion that that sun would be exceeded, and as the price of labour had considerably increased, they had thought it more prudent to wait until the proper period for proceeding with the works, and in the interim to ascertain how that sum could be most efficiently laid out. In the consideration of that subject, the board had had under its view other descriptions of iron to those which they had formerly manufactured, and had succeeded in producing a very superior quality to anything they had yet seen. They had some beautiful specimens at the works, and it would have been very satisfactory to the directors if the meeting had had an opportunity of seeing these new and improved productions. It must not be understood that the board had altered their opinion as to the necessity of creeting the new mills and forges, but they had not yet come to anything definite, so as to make a report to the shareholders. It was of all importance that the works should be erceted with care and skill, and it wa

A SHARRIOLDER enquired if the dividends, both past and present, were declared out the profits?

The CHARRAIN and most certainly, and they were the result after balancing the books. They were quite certain that they had not made less than would amply enable hem to pay 10s, per share out of the profits. Formerly the directors had had to piedge held receilt, but for the last twelve months their returns had so much improved, and or great was the demand for their tron (which was admitted by all to be of the very set quality), that they had succeeded in realising very large profits, and which there as every probability would be increased. In fact, there had been a considerable increase in their sales during the last six months, compared with the previous six months. In reply to a shareholder, the CHARRAIN said that the foundations for the mills and transces were nearly prepared, but with regard to the amount of the contract—viz, 0,000/.—as he had before stated, there had been a mistake.

Mr. J. C. Hill thought it would be expedient to proceed with the works in concemplation as expeditiously as possible.

The CHARRAIN said there could be no question as to the expediency and necessity of going on with the works; but it was also important that they should go on at the light time.

The Charman's said there could be no question as to the expediency and necessity of going on with the works; but it was also important that they should go on at the right time.

Mr. Hill said he had every reason to congratulate the shareholders upon what had fallen from the chairman, and he was delighted to hear the chairman say that the directors were going so cautiously to work. There was one thing, however, which the chairman had forgotten to mention, and which could not fail to become a source of great profit; he alluded to the opening of their new coal-field. He (Mr. Hill) had no hesitation in saying that there was not a better coal to be met with throughout Wales. There was a most abundant supply, and they would be able to send at least 2009 tons a week to Newport. The works had not been got on with quite so expeditiously as he could have wished, but that was no fault of their directors, as it arose from want of labour. He was quite sure the directors had taken the right step, and he feit much pleasure in saying so.

The Chairman's said, it would no doubt be in the recollection of the gentlemen present that the coal-field was alluded to in the last report of the directors; and as Mr. Hill had referred to the subject he (the chairman), had no hesitation in saying that it will return a profit of something like 7000. a year; but he was so very chary in making promises that he had not mentioned the subject, nor should be have alluded to it if Mr. Hill had not done so. This coal-field was most admirably situated, and one gentleman alone had promised to take 100,000 tons a year. The coal, too, was of so excellent a quality that it would be to the advantage of purchasers to deal with this company. It was what was called a hard splint coal, and was better in character than most of the Welch coal. They had just got the same value as regarded quality in their coal that they had in their iron, and there could be no doubt that it would always command a ready sale.

Mr. Hill, supposed that at this friendly meeting the

it might, perhaps, be also some satisfaction to the control of the whole.

Some discussion followed with regard to the election of directors by the board, without having consulted the shareholders.

Some discussion followed with regard to the election of directors by the board, without having consulted the shareholders.

The CHAIRMAN observed that the board was empowered by the Deed of Settlement to do as they had done. They were, of course, desirous of meeting the wishes of the shareholders in every respect, and he thought the directors had in this instance acted strictly in accordance with their rules. He would only add, that they were anxious to tide the affair on as well as they could, and to manage it as if it was their own property.—A Sharkmolder remarked, that he would take the opportunity of saying that if for the future there was a surplus, the directors would take care to make up for the deficiencies sustained by bad debts in former years.

The CHAIRMAN assured the meeting that their interests would have the most anxious attention of the board of directors. He believed that they might on the present occasion have given them a dividend of 11, per share; but they thought it more prudent to pay off old debts, and to reserve a sufficient balance to meet contingencies, they were reducing their expenses as much as possible, and the utmost that could be done would be for the benefit of the general body of shareholders.

they were reducing their expenses as much as possible, and the utmost that could be done would be for the benefit of the general body of shareholders.

A vote of thanks was given to the chairman and directors, and the meeting separated, evidently well satisfied with the present state of affairs, and with their future prospects.

TYN-Y-BERTH SLATE QUARRY COMPANY.

A meeting of shareholders in this company was held at the offices of Mr loseph, or uesday,

L. F. Edwards, Esq., in the chair.

The SECRETARY read the subjoined balance-sheet, ending 18th October :-Balance last account Call of 5s, per share Slates sold..... £ 55 11 10 2500 0 0 256 9 2=£2812 1 0

Leaving balance in favour of company ... £1009 13 0

unately occurred.

Mr. Joseph said he had been written to by many merchants, offering to take their produce. Their slates were of a very superior quality, quite equal to those of Bangor. The width of the vein they were now working was about 20 yards, and there could not be a doubt, if nothing happened to after the quality, that the supply would yield a certain profit, and that the quarry would become a most safe and profitable investment. The only difficulty they had to contend with was the expense of freightage; and it would answer the purpose of the company to buy a small vessel or two. age; and it would answer the purpose of the company to buy a small vessel or two, that they might deliver their own produce. He merely threw this out as a suggertion, but he was satisfied they would find this a good investment.

The Charlaxan said there could not be a doubt as to the value of their property, and he should like to see a little more energy influed into the concern on the part of

the shareholders. By the present mode of conveyance their slates were considerably damaged; and he was quite satisfied they might be carried to their destination is good order, and at a much cheaper expense, provided a small outlay was incurred

damaged; and he was quite satisfied they might be carried to their destination in good order, and at a much cheaper expense, provided a small outlay was incurred in the first instance.

After some discussion, the further consideration of the question was postponed. The building a new house for the manager was deferred for the present.

The committee was re-elected, and a vote of thanks given to the chairman, after which the needing severated.

ESGAIR LLEE MINING COMPANY.

A meeting of shareholders was held at the offices of Mr. T. P. Thomas, Old Broad. reet, on Tuesday, Thomas Field, Esq., in the chair. street, on Tuesday,

The notice convening the meeting having been read, the minutes of the last meeting were confirmed, and the following accounts submitted and passed:—

Balance last account
Mine cost, July
Ditto, August
One year's royalty
Bill stamp, discount, &c... ... £232 0 10 ... 296 11 8 ... 253 3 9 ... 211 18 7 ... 9 0 .9= £1002 15 7 673 1 4 Leaving balance against adventurers £ 329 14 3

A. F. FROMAS.

Mr. THOMAS stated that against the balance they had now upwards of 50 tons or broken in the mine, and that before Christmas they would seel 100 tons. In royally for the whole twelvemonth, it should be observed, also came into the pressibilance-sheet. He was happy to say that the prospects of the mine were most or couraging.—The Chairman expressed his confidence in the prospects of the undertaking, and hoped they would soon receive from Mr. Thomas a cheque in return for those which they had presented to him. A vote of thanks was given to the claiman, and the meeting separated.

DUNSLEY WHEAL PHIENIX MINING COMPANY

A general meeting of shareholders was held at the offices, Cornhill, on Monday

Balance in hands of the bankers The directors then stated that the period had arrived at which the ori-ginal shareholders were required to name their intentions of taking up the pre-emption shares to which they were entitled, which announce-ment was responded to by the shareholders pre-ent subscribing for 1889 shares at the original price

Making the present available capital

Wheat Priceix:
It was resolved unanimously—"That the reports of the directors be received properly and that the absent shareholders entitled to pre-emption shares, she ceive written notice from the secretary, that their election to purchase must be immediately, and that payment of the respective amounts must be made along, in default of which, all shares then unclaimed, and unpaid for, will be at the disposal of the directors, for the benefit of the mine."

WHEAL FORTUNE (SOUTH TAWTON) MINING COMPANY

An adjourned meeting of shareholders was held at the company's offices, on OSMUND LEWIS, Esq., in the chair.

An adjourned meeting of shareholders was held at the company's offices, on we needay,

OSMUND LEWER, Esq., in the chair.

The notice convening the meeting having been read, the CHAIRMAN shaled, it since the last meeting ha had written to Messrs. Simth and Roberts, of Tuney, it is more considerable experience in the legal profession, and extensive particle the stannaries' Court, requesting the favour of their opinion upon the subject forth in the notice convening the meeting. He (the chairman) had written sters, the answer which he had received to the first not being so conclusives ters, the answer which he had received to the first not being so conclusives greetled to say, still left in doubt.—The chairman having read his applicable the answers, proceeded to say, that the question was still undecided, and, he leg retted to say, still left in doubt.—The chairman having read his applicable the answers, proceeded to say, that the question was still undecided, and, he leads were conducted more from usage than from any fixed or definite rule. He was were conducted more from usage than from any fixed or definite rule. He was termination with regard to the expediency of continuing or abandening he size the foreign of the companies of

rescind any rule or rules, and to make new ones.

After some discussion, it was resolved that notice of a special meeting be possible to the shareholders, stating the objects for which such meeting is to be called.

A vote of thanks to the chairman terminated the proceedings.

[We are requested to state, that the cost of hiring an engine from Meest win and Hall will be from 401, to 501, for three months, not for one month, so in the report which appeared in our Journal of the 8th inst.]

THE LOUISE MINES COMPANY (RHENISH PRUSSIA).

A general meeting of adventurers was held at Mr. Kieckhoefer's offices, on M Joun Browne, Esq., in the chair.

The CHAIRMAN said it was intended to have a meeting as soon as they

The Charrman said it was intended to have a meeting as soon as they could sent a competent report, that report having come to hand, no time was out in them together. He should read it to them presently, but before doing so would as few observations. The constitution of the company was now complete under this paid, which had been stipulated for. No time had been lost in putting the mixporous operation, and upwards of 100 workmen were now engaged. A control the disposal of the blende had been entered into of a very favourable character of the control of the

SILVE arried on actiner net \$16 ary day' alver is he 32 87 4 co

Holli letter froir d severe at to no ills a tr d this in

interspense or me iron, a quantity of which was so then that it did not require antistanging properties.

Assentiate engineers and an experimental control of the control o

EER-LEAD MINING IN SWEDEN.—Among the numerous adventures ye commenced for the development of the mineral riches of various districts of m Europe by the investment of British capital, many of which hold out the e of very profitable results, we have now to notice the Delecarlis, and Smelting Company, formed with the object of working some valuable by property in the parish of Wester Bergs Slagen, in the province of Delecarlis, extending seven English miles in length. The property is divided into three bath, Middle, and North, the two former comprising several mines, of which the Ko Mine, the Long Mine, and the Mellan, are now at from 12 to 20 fms. producing from 20 to 30 tons of excellent ore-per week. The north sett consensus and the Silverudden, the latter recently opened, the former a very tone, unworked since 1754, at present full of water, and supposed to be very tone, unworked since 1754, at present full of water, and supposed to be very tone, unworked since 1754, at present full of water, and supposed to be very tone, unworked since 1754, at present full of water, and supposed to be very tone, unworked since 1754, at present full of water, and supposed to be very tone, unworked since 1754, at present full of water, and supposed to be very tone, and worked in this mine at the time of its inundation (1754) was yielding selfing the ores. There are extensive smelting works attached to the mines, of screen fund adjoining, and water power equal to 300 horses, all freehold, and dvantageously situated for facilities of water traffic. Large heaps of halvans all particular to the self-screen fund and advantageously situated for facilities of water traffic. Large heaps of halvans (up at 1754, and 1754, the month of the property, and fully bear out all that is advanced in the prospectus; and in their mediators of the best methods to pursue, strongly urge the immediate clearance Norra Mine to ascertain the value of the lode, stated to be so rich, and now undadated and the strength of the best methods to pursue, strongl SHVER-LEAD MINING IN SWEDEN.—Among the numerous adventures

to be called.

Silver Mining in New Mexico.—A very profitable business is being mid on in working the silver mines and smelting the ore in New Mexico. The month, as well as very reade and primitive, and yet workmen have been able to extend the silver will be silver in lost in the first smelting as proved that over 50 per cent. of the liver is lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting has proved that over 50 per cent. of the liver is lost in the first smelting. Adding the two together will give the amount of the silver in lost in the first smelting has proved that over 50 per cent. of the liver is lost in the first smelting has proved that over 50 per cent. of the liver is lost in the first smelting has proved that over 50 per cent. of the liver is lost in the first smelting has proved that over 50 per cent. Of the liver is lost in the first smelting has proved that over 50 per cent. Of the liver is lost in the first smelting has proved that over 50 per cent. Of the liver is lost in the first smelting has proved that over 50 per cent. Of the liver is lost in the first smelting has been added him to the little cost at which it is smelting has been added him to the little cost at which it is smelting has been added him to the little cost at which it is smelting has been added him to the little cost at which it is smelting

MINERAL WEALTH OF NEW ZEALAND.—We understand that Mr. J. Winchcombe, whose previous pursuits have especially qualified him for mineralocal investigations, has formed a party of four for the purpose of further exploring & Coromandel auriferous district; and that his party, having obtained the free proceeding licenses now available, have left town to prosecute their undertaking, the resists of which many will look for with interest.—New Zealander, May 21.

have no exception of the first part of the first

Mining Correspondence.

BRITISH MINES.

ALFRED CONSOLS.—There has been no one broken at Field's engine-shaft, sinking under the 110 fm, level, since the last report, in consequence of which it is not a worth for copper ore 20th of fm; the south lock, in the same level east, is sorth for copper ore 30th of fm; the south lock, in the same level east, is sorth for copper ore 30th of fm; the south lock, in the same level east, is sorth for copper ore 30th of fm; the south lock, in the same level east, is sorth for copper ore 30th of fm; the south lock, in the same level east, is sorth for copper ore 30th of fm; the south lock, in the same level east, is sorth for copper or 30th of fm; the same level east, is sorth lock of the same level east of the copper of a time lock, the other north to interest the locks known to run at the copper of a time lock, the other north to interest the locks when the same level east on the course of a time lock, the other north to interest the locks when the lock is well as the lock of the same level east on the course of a time lock, the other north to interest the lock is well as lock in the lock of the same level east of the life. It is same level east of the life is life, level east the lock is well about to more one per same level east of the life, life, level east level east the lock is well about to more one per same level east of the life, life, level east level east level east level east level. In the life, like the lock is well as level east level east level east level. In the life, like the lin

part of our sett we find three other lodes, with which we were before unacquainted, and find in each good stones of copper. What we want is an engine, nor can we go further without that accessary appendage. About the central part of our mine we have done little or nothing since the last report, but at the eastern part of Carrack Dews we are clearing up some old workings, so old that no reacts to be found when they were last work of the secretary of the secretar

exception of the engine-nouse, which ought now to be in progress. -M. DUNN: Oct. 12. CLIJAH AND WENTWORTH.—Mary Ann Lode: The 16 fm. level is driven east 59 fms., lode 1 ft. wide, producing stones of ore, driving by two men, at 2l. per fm.; the rise in the back of the 16 is risen about 9 fms., lode 15 in. wide, worth about 3l. per fm., working by two men, at 2l. per fathom. We have also three tribute pitches working on this lode, each working at 10s, in 1l.—Julis Lode: The 30 west is extended 8 fms., lode 18 in. wide, worth about 4l. per fm., driving by six men, at 6l. per fathom; the 30 east is driven about 6 fms., lode 15 in. wide, producing good stones of yellow ore, driving by four men, at 1ll. per fm. The 20 east is driven about 19 fms.,

lode 2 feet wide, worth 151. per fm., driving by four men, at 71. per fm. The adit level east is driven 2 fms., lode disordered by means of a cross-course, driving by two men, at 44. per fm. The stopes in the back and bottom of the 20, east of cross-course, are still looking very promising.—J. Cublir: Oct. 15.

CLEW BAR.—The pease week where driven the still level at Brenderg 4 ft. 8 fm; the dots is 2 ft. wide, composed of quarte, estept, and killas. "M'Cormicies" shalf is the level is 2 ft. wide, composed of quarte, stillas, and flowing with speto of ore. —P. Roomes. CLEW MASE. WOOD.—We have been doted. Justines shalf will in this level in the new justin the level in the level of quarte, inch, and decided the stillas of the stil

at a less cost. In the 50 cast we are not out of the influence of the great cross-course. In the 30 east we are in the new lode, and it looks kindly. On Monday, in working the 20 fm. level, we discovered a branch of ore. I can speak confidently of the undertaking, as in all my experience I have not seen any other mine presenting so generally favourable indications of the highest order.—J. Vercoo: Oct. 20.

rally favourable indications of the highest order.—J. Verkook: Oct. 20.

DREWSTEIGNTON.—Since the last report, we have sunk the air shaft to the depth of 9 fms. 3 ft., which I hope to communicate to the adit level in the course of a few days; then we shall have good air to clear out the adit to the lime quarry. of it; that being 2 ft. wide, spotted with yellow copper ore. It has quite the same appearance as when last reported.—T. Gilley: Oct. 19.

appearance as when last reported.—T. Gibley: Oct. 19.

EAST BOSORN.—We are obliged to stop sinking the shaft, on account of the water being so quick, and have put the men to work on the spar lode, east of Wheal Betsy adit level, about 40 fms. behind our present end, and am very glad to report to you that we have a good lode, producing excellent stones of tin. The men are still driving the adit level east from the shaft, so as to intersect some other lode—no alteration. We have made a purchase of a 44-in. smiths' bellows, an anvil, vice, sledge, 16 smiths' tongs, a hearth eye for the bellows, a cast-iron trough, about 2 cwts., and some smiths' hammers, for 64. 10s., which I have paid this day, and the materials brought on the mine. I consider this a very cheap bargain, as the materials were to be sold by auction, but the day of sale being very wet, and no one attending, they were sold by private contract by the person belonging to them at once, as he leaves immediately for Australia; therefore he was compelled to let them go so cheap—they are well worth from 12t. to 14t. I have seen Mr. Holman, and he says he is waiting for the specifications. I called at Mr. Eustice's house, but he was from

as they could pe was oth colleges would mis-lete under their constitution of their constitutions and their constitutions and their constitutions are sufficient to the character of their constitutions are sufficient them to fair constitutions and their constitutions are sufficient to the constitutions are sufficient to the circumstant dute was in a sufficient profit, and direct profit, and direct profit, and their constitutions are sufficient to the circumstant of their constitutions are sufficient to the circumstant of their constitutions are sufficient to the constitution of their constitutions are sufficient to the constitution of t

home: I left word that I wanted to see him. I have not set the mason-work as yet, as the masons are uncommonly busy, but shall do so shortly. However, we will get all our work forward in time for the engineers.—T. Caurnus: Oct. 13.

EAGLEBROOK.—Our engine-shaft is nearly down to the adit level, the ground is a little softer, in a good lode; and our western shaft is in a beautiful losie, with stones of ore, I cut, solid; nothing can look better. I will send you the cost, with a full report, next week.—HENRY FRANCIS.

EAST CROWNDALE.—Our prospects have not changed materially since my last. We are busily engaged in dressing for the next sampling.—Oct. 15.

EAST COLGOOTH.—Some of the shaftmen this week have been assisting the corrections.

EAST CROWNDALE.—Our prospects have not changed materially since my last. We are basily engaged in dressing for the next sampling.—Oct. 13. EAST POLGGOTH.—Some of the shaftmen this week have been easisting the carpenters to get up the capstan, whilst the others have been employed getting things in order for dropping the large lift. In the 50 end west we are still driving by the sides of the lode; from what we can see of it, it is presenting a good appearance. The stopes cast and west in the 30 are much the same as last reported. The 20 end is still improving—a very promising lode, with some splendid stones of tin. The stopes in the back of the 20 are turning out some good work. There is no alternation in the cross-cut in the 30. The engineers are getting on well with the engine. We are progressing with the burning-house and other work as fast as possible. We have a splendid lot of timber now being brought on the mine, which Captain Dunstan purchased at Devonport remarkably cheap.—Oct. 15.

EAST WHEAL GEORGE.—We have not as yet intersected the lode in the 44 cross-cut. Water is issuing very strong through the capels, which makes it difficult for driving. I hope to see the work carried out as ordered.—Oct. 15.

EAST WHEAL RUSSELL.—We have no alteration in any of the levels except the 5c cast, which has become much harder, since my last report. All the levels driving east are producing ore. Hitchins's shaft is still in strong gossan. We are driving the adit level with all possible speed, and are still driving on the south part of the lode in the tunnel level end. The tributers are bringing out good work from the back of the level.—W. METHERLEL Oct. 20.

EAST WHITE GRIT.—We are still engaged in driving the cross-course to the deep

the level.—W. Metherell: Oct. 20.

EAST WHITE GRIT.—We are still engaged in driving the cross-course to the deep

course to the driving, also, is continued in the 20 fm, level without any alteration since

level; the driving also, is continued in the 20 fm, level without any alteration since my last.—R. P. Edelsters: Oct. 19.

EXMOUTH AND ADAMS UNITED.—The invoice of castings for the rods, &c., at Williams's shaft, has arrived, and I expect the goods will be brought on the mine to-morrow. Mr. Rian has written to say that the cylinder and case for the new engine is on its way up, and that arrangements are made for carriage and delivery of the machinery. It is more than probable that the walls of the engine-house will be finished this week. The stack is being built suifsafeotily. Ponter's shaft is down full 40 fms. below the surface, but the ground is somewhat harder. There is no alteration in the south adit end since I hast reported on it. The tributers are raising ore faster than we can take away or dress the stuff, consequently I have stopped a couple of the pitches on high tribute, and I think it prudent to stop one or two more next setting day; at the same time reserve the authority to increase the number of hands in the low tribute pitches, and at any time when it may be thought proper. The western lode is looking exceedingly well, from which is extracted a large quantity of lead by the tributers, who are earning very good wages in their respective tributes—15s, and 39s, per ton. I do not know of any more essential information to forward by this post.—I. Haairros: Occ. 17.

FAT-WORK AND WHEAL VIRTUE—Our shaftmen are now engaged in driv-

forward by this post.—J. Hampton: Occ. 17.

FAT-WORK AND WHEAL VIRTUE.—Our shaftmen are now engaged in driving north and south in the 20 fm. level on the course of the lode, which is about 1 ft. wide, with a little tin. At the 10 north we have intersected another cross-course, which we are not as yet through; in driving south in the same level the lode is about 1 ft. wide, with occasional good stone: of tin; the stopes above the back of this level are at present poor for tin. In the addit level south the north lode is about 18 inches wide—poor for tin. In driving south on the south lode we have intersected the cross-course, which we are not as yet through; the stopes above the back of this level are yielding a little tin. Temblyn's lode in the 16 is from 18 in. to 2 feet wide—poor for tin. In the 10, since my last, we have holed to the old men's workings, and from present appearances they have taken away many fathoms of backs at this point. All other operations are much the same as when last reported. Our machinery is in good working order.

-On Monday night we finished the wheel-pit, and the axle wa d across, and everything completed to receive the arms and build the wheel. The earnters are hard at work on their contract, the 14-in, pumps are being lowered, and I how assured that in 14 days we shall assume a grand position. Our miners are eparing for the tribute ground, and with the high prices of tin, I have little doubt the first paragians will be as low as is, in 11; we can employ 30 men in this way, tich will leave a handsome profit to the shareholders.—Oct. 18.

which will leave a handsome profit to the shareholders.—Oct. IS.

GAWTON UNITED.—The ground in Bayly's shaft continues favourable for sinking. The tode in the winze in the bottom of the 10 fm, level is 2 ft, wide, composed of peach, mundle, malleable and yellow ore—a good tooking tode. We have completed the deep adit level as far as the cross-course south, and shalt commence driving in the beginning of next week. In clearing the level cast of sime's shaft we find the lode 3 ft. wide, composed of spar, mundle, and spots of ore.—John Brant, H. Houswill: Oct. 19.

(Chippon J. Dawley of the profit of

the rode of it, wide, composed of spar, mundie, and spots of ore.—John Bray; H. Honswill.: Oct. 19.

GEIFRON.—I have suspended the 15 fm. level for the present, and put three of the men in Young's shaft to make greater progress in sinking. This week I put men to cut drains from the old men's workings to prevent the water from sinking to the shaft, and in doing this they crossed the back of the Lde, and found some good stones of lead, which is very promising, and I have no doubt when we are down 20 fms, and commence driving, from the present indication, we shall have a good lode. Cumning's shaft is communicated to the shallow adit. I have set a bargain to the men to put in a penthouse and take the water up for 61.; when this is done I hope they will make greater progress in sinking.—Oct. 15.

GORN LEAD.—The lode in the adit end continues in a disordered state; it appears to be making a turn from its regular course towards the south; if so, there are hopes of a change for the better. There is a little ore in the south part of the lode; I am not prepared to state the size of the lode. Turner's cross-cut, in the upper level, is just as hat reported, as also Delane's cross-cut, going north. In Price's shaft there is a very strong lode, with spots of ore. We have to-day fixed the tackle on the shaft.—R. MAYNARD: Oct. 15.

GREAT CAMBRIAN MINING AND GUARRAYNG COMPANY—The reservations.

just as last reported, as also Delane's cross-cut, going north. In Price's shaft there is a very strong lode, with spots of ore. We have to-day fixed the tackle on the shaft.—R. MAYKARD: Oct. 15.

GREAT CAMBRIAN MINING AND QUARRYING COMPANY.—The manager, writing from Dolgelly on the 17th instant, states:—I have just returned from the mines, which I found progressing rapidly. At Maestryfar there are two menset to cut a short tunnel, of about 10 or 12 yards, to later-set the No. I lode at about 23 yards from surface: the price per yard, 428, 561. The four men cutting the tunnel on the No. 2 lode are just entering on the hard rock, and the appearance of the lode is very flattering. Both the tunnels and sink on the No. 3 lode are much improved, and there are some good specimens of ore coming out daily. There are two men, daywork, clearing out the sink on the No. 5 lode, but they have not yet gotto the bottom. The tunnel to the copper lode is also progressing. There are six men cutting the wheel-pit, in which I find a great quantity of rock t, be cut away, however, I expect that it will be so far cut that the walls may be commenced by the beginning of next week, and then I will put on those men to cut the water-leat, which will be ready by the time that the wall is ready for the wheel. The smith's shop is now finished, and he is there working. The powder magazine will be finished this week. There are three men and four boys, breaking and picking ore, &c. At Ilwynon the widening of the tunnel to be cut forward for 5d. 8s. per fathom. The quarry is progressing rapidly.

GREAT POLGOOTIL—The ground in the various workings to complete the new shaft is still favourable, and the progress very satisfactory. The 76 fathom level, at Bossellan, is in good ground, but the lode is not yet cut; and from the run of the last cross-course that heaved it, we may have some few fathoms further to drive, the first high the strong through some good tin ground. St. Martin's lode, in the rise above the 96 fm. level, has not been taken down

port, we have sold tin amounting to 634l. 2s. 6d., and mundle amounting to 44l. 10s. 2d. =723l. 12s. 8d.—J. Puckey; R. HANGOK; W. WILLIAMS; E. DUNSTAN; Oct. 20.
GREAT TREBURGET.—The lode in the adit end at present is of the same character as my last report, producing some good stones of lead; it is spotted throughout; we are saving the best; the lode is something larger, about 3½ ft. wide, a great part of it can, and carrying well-defined walls—we have driven during the past week about 9 ft. We are progressing with the end as fast as possible, it is very wet, but we hope shortly to be under the bunch of lead we had in the shillow level.—T. BULLER.
GREAT WHEAL BADDEIN.—The lode in the 40 is 1½ ft. wide, producing a little core, and not so much mundic as before. The lode in the 40 is 12 ft. wide, producing good work for lead. The lode in a winze sinking below this level is 1 ft. wide, with a little lead. I cannot speak of any alteration on the tin lode. The new shaft is now sunk 5 fms. 0 ft. 6 in. below the 30, and we hope by next setting day to get it down to the 40. We intend to sample on Saturday next 30 tons of lead ore.—J. Rookins.
GWAYNLLIFION.—(Lead).—In the shallow adit sisk the water is too quick for ins, and we are obliged to discontinue sinking, because we cannot keep the water in fork; the ore still holds down very well in the bottom. I have put four men to drive a cross-cut south, close by the sink, where we have some very good ore, from 2 to 3 in. wide, of good quality. In the shallow adit end I expect every day to cut the Shoemaker's lode; in driving north the ground is about the same as last report. MKNIN RAWSON: Oct. 21.

HARMY RAWSON: Oct. 21.

HALAMANNING AND CROFT GOTHAL.—The 70 fm. levels, east and west of the engine-shaft, have a very large lode, with a small quantity of black ore. In the 60 east of this shaft the lode is also very large. In the 60, west of Orchard shaft, the lode is 6 ft, wide, and worth 101, per fm. In the 52, east of Quarry shaft, the lode is 5 ft, wide, worth 71, per fm.; in the same level, west of Orchard shaft, on Bulley lode, we have a lode 1 ft, wide, worth 71, per fm. The work is progressing rapidly, and, no doubt, we shall shortly let many more pitches, on fair tribute. You will also see that the last month's cost was more than met by the saies.—J. Vivian: Oct. 17.

that the last month's cost was more than met by the sales.—J. Vivian: Oct. 17.

HAVAN AND HENFLWCII.—At the Havan, we have commenced putting the wheel together; we have got all the castings on the pit, and put in all the arms, and we hope to have the wheel completed in four week's time, if we have fine weather. We have not done anything at Davis's shaft for the month, on account of the water. At Henflwch, Strüc's shaft is very hard at present, and there is a little water in the bottom; the men have given it up, and we are obliged to put those who were driving the cross-cut to shik strüde's shaft. We intend to saik to fms. below the adit, if we do not come down to water before, but if we do we shall drive from there to get back under the ore in the winze, as we think that place is very kindly for ore.—James Sanders: Oct. 15.

HANE WOOD.—The look in the 70 fm, havelet of the sale of

Sanders: Oct. 15.

HAWKMOOR.—The lode in the 30 fm. level, east of the cross-course, continues to improve; it is now 4½ ft. wide, producing 1½ ton of good copper ore per fm., and a quantity of mundle. Graham's shaftmen have fixed the cistern for the plunger lift, which will be working as soon as it is practicable. The lode in the 30 west is not so large as last reported, and generally poor for mineral. The stratum in which it is embedded much as usual. The stopes in the back of the 20 are producing some good ore. We hope to have 20 tons of copper are on the sampling floors at Calstock Quay by the 27th inst.—J. Kranker, i.a., Richamer, 10ct. 17.

HENNOCK.—The ground in the 69 fm. level south by the side of the lode is without alteration. On Friday last we commenced cutting into the lode, which presents a favourable appearance, the lode being 3½ ft. wide, composed of spar, mundle, and stones of tead; this is an improvement in this part. I have put the men to show the 30 to the 60 fm. level, to prove the lode, as well as to ventilate that level. I have taken the men from the 50 side put them to drive the 40 fm. level with

ome others; this lode is showing good stones of lead; we are this day bringing up ome good work from this end. The 30 is still in good ground, and making good pro-ress in driving. The ground in the south whim-shaft is also improving for sinking, and I have set three men on in addition, to form a communication at the carliest criod.—H. RICKARD: Oct. 17.

and I have set three men on in addition, to form a communication at the earliest period.—H. RICKARD : Oct. 17.

IIINGSTON DOWN CONSOLS.—Doidge's winze is resumed sinking below tho 65 fm. level on a large and productive lode. James's winze is also communicated with the 55 fm. level. The 65 fm. level, east of Forrest's winze. In succession of the said winze, is yielding some good saving work, as also the 55 fm. level, east of Forrest's winze. The stopes in the back of the 65 fm. level will produce 6 tons of ore per fm. All other points of operation continue stationary.—W. RICLARDS: Oct. 19.

HOLMBUSH.—Nothing has been done below the back of the 145 fm. level since last reported on, consequently there is no alteration. The pitches in the bottom of the 132 are looking much as usual. The flap-lack lode in the 120, west of the great cross-course, is 2½ feet wide, producing three tons of copper ore per fm.; the lode is larger in the bottom of the level than it is in the end. We propose putting a pare of men to cut the lode in the 110 in a short time. The ground in the 120 cross-cut, south from the castern end, is favourable, being beautiful killas; the tribute pitches over this cross-cut, in the bottom of the 110, are producing a fair quantity of ore, and the lode nearly downright; and should the part of the lode on which the 120 cast is extended be the same as we have at the 110, the latter must change its underlie very quick. The Flap-jack lode in the 124, wost of the said shaft, is 15 inches wide, producing stones of ore, prina, and spar.—W. Leax: Oct. 18.

HOPE VALLEY.—We understand that a great improvement has taken place in the appearance of these mines. In the 35 fm. level, driving south, the lode is said to be 4 ft. wide, with a leader of lead ore in it about 9 in, wide. Our informant expresses no opinion as to the results, but states that at present it has a splendid appearance.

KENMARE MINES.—Report for October, 1853:—On Friday next I expect the

the appearance of these times. In the 2 sin. It view, it will go with a leader of fead ore in it about 9 in, wide. Our informant expresses no opinion as to the results, but states that at present it has a splendid appearance. KENMARE MINES.—Report for October, 1853:—On Friday next I expect the fork in Croker's shaft will be cleared, and the men ready to sink. We have made a contract to sink 10 fms. for 904, being an average of 94, per fathom, which is a moderate price for sinking an engine-shaft. In the 36 end, west of Croker's shaft, the uniterlie of the lode is north instead of being south, and the ground (which killas) is much disordered and twisted. There is a strong hard lode, with yellow ore, in the 46, west of Croker's shaft, south part, and we find occasional specimens either of specular iron or antimony, I cannot say which, but I think it would be desirable to send a box of them to London for examination. In the bottom of the 27, No. 6 in section, a large piece of the lode was left untouched in the former working; the north part contains quartz, yellow and grey ore, and on the south part there is a branch of yellow ore, 8 in. wide. We hope to sink No. 23 winze, which is under No.16 section, under the 56 as fat as Croker's shaft, as it will lay open ground for stopes; and in order to facilitate the holing of No. 17 winze from the 46 to the 56, we have put men to rise against it in back of the 36; this ground will make good stopes.—I have just been underground, dialling the 46 fm, level, west of Croker's shaft, and also east; the 46 end on south part is producing large stones of quartz, mixed with good yellow ore. In the end west, on north part, the lode is caunter—that is, the lode runs in an oblique direction to the stratum, and cuts through it; the direction of the stratum is about due cast and west, and the lode north-west. The lode in the south end going west runs 10° north of west. In the 56 in level, west of Croker's shaft, the lode is passing through a change of stratum, the north side being whit

No. 23 winze, under the 56, looks well.—W. Thomas: Oct. 18.

KESWICK.—At Brandley, six men are driving the cross-cut in the 30 fm. level, ground very hard. Four men are sinking the engine-shaft below the 50. At Stoney-croft, Richardson's stope is worth 8 cwts, and the cast stope 7 cwts. of ore per fm. At the Barrow Mine, the lode in Wikinson's level is worth 6 cwts. of ore per fathom. The lode in the middle level is worth 4 cwts, of ore per fm. The bottom level rise is worth 8 cwts, and the lode in the sump 10 cwts, of ore per fm. At Thornthwaite, we have not yet drained the sump in the 27 fm. level, but have now easier ground in the 37, where we are driving through the vein obliquely, which has drained the sump a little, and I have good hopes we shall now get on somewhat better. The stope is worth 14 cwts, of ore per fm., and the lode in the samp for 4 fms. in length is worth about 35 cwts. to 2 tons of ore per fm.—R. B. Sheffler : 0ct. 15.

KLUBRICKEN.—The 30 fm, level, south of new purples. Shift, still continues to pro-

littie, and I have good hopes we shall now get on somewhat better. The stope is worth 14 cuts. O ore per fin., and the lode in the sump for 4 fms. in length is worth about 35 cuts. to 2 tons of ore per fm.—R. B. Shigenbard: Oct. 15.

KILBRICKEN.—The 30 fm. level, south of new engine-shaft, still continues to produce good stones of lead and jack, and has laid open a very kindly lode in the bottom of the level for the last 3 or 4 fms. The end driving north from the bottom of the winze produces a great deal of jack, with some spots of lead. In the 20, north of old engine-shaft, we have abandoned driving the cross-cut cast, and are now driving a cross-cut west on the same branch, which produces some good lead and jack. In the 20, cast of old engine-shaft, we have cut another vugh, and some beautiful stones of ore; I trust we shall find a further improvement as we progress. The winze in the 16 north yields a little ore, as well as the 16 driving cast.—Jour Paul: Oct. 17.

LEEDS TOWN CONSOLS.—The engine-shaft is now down 10 fms. below the adit level: the men are casing and dividing the shaft to bring the kibble to bottom; when this is done we shall commence driving the cross-cut to cut the great tin locie. We do not intend to cut the copper lode until we have sank the shaft 10 fms. deeper. The flat-rod shaft is sunk 5 fms.; the ground harder than we expected, being entangled with floors of spar, but I am daily expecting a change of ground. We have four men driving west on the great tin lode in the adit level; the lode has increased in width to 8 fm, composed of mundie, black lead, copper, tin, and a branch of white lead 3 in. wide; should the lead continue it would more than pay for driving the end, I think, however, it is an indication of copper or tin ore. We have enameneed driving cast on this lode in this level with two men, at 30s, per fm.: it is 18 in. wide, .ith a promising appearance, and I think we shall have a still further improvement as we near the great castern flookan. We are compelled to drive here in

LYDFORD COLSOLS.—The lode in the western adit level is full 3 ft. wide, com co-ed of flookan, prian, quartz, and mundic, thickly spotted with lead ore, and is execingly kindly.—J. RICHARDS: Oct. 19.

poved of flookan, prian, quartz, and mundic, thickly spotted with lead ore, and is exceedingly kindly.—J. Richards: Oct. 19.

MILL POOL.—The flat-rod shaft is sunk 5½ fms. under the 48 fm. level; for the last 6 feet the lode has been split into two parts; the south part, on which we are sinking, is about 18 in. wide, with stones of tin; the north part, as it went out of the shaft, is about 2 ft. wide, good work for tin. The 48 fm. level is driven east 20 fms., 15 fms. of which is through good tin ground, but for the last 4 or 5 fms. the lode has been small and the ground hard; at present the ground has a more favourable appearance, from which we expect the lode will improve shortly. We have a winze sinking under the 38, just over the present 48 cfd, where the lode is 18 inches wide, worth 31, per fm. for tin. The 48 is driven west 18 fms., the first 15 fms. through good tin ground, but for the last 3 fms. the lode has not been so good, in consequence of having four cross branches in about 3 fms. driving, which rather disordered the lode, which is at present about 2½ ft. wide, opening tribute ground: we expect this will improve considerably in a few fms. driving, as we are not yet under the run of tin ground we had in the 38. We have a winze sinking under the 38, about 10 fms. west of the present end, in which the lode is 2 ft. wide, worth for in 64, per fm. In the 35 fm. level, 30 fms. west of the flat-rod shaft, we have driven a cross-cut north, and cut a lode, on which we have driven 4 fms.—lode about 18 in, wide, worth 47, per fm.; the stopes over this level continue to yield fair quantities of good quality tinstuff. The western shaft, sinking under affit, on Ellery's lode, is communicated with the 10 fm. level, where we shall cut a plat, and resume driving wext, where the lode is 1 ft. wide, producing tinstuff, worth from 3s. to 4s. per barrow. We shall have 3½ tons of tin ready for sale by skurday next.—W. Oars, Jun.: Oct. 10.

MOLLAND.—8 me of the sumpmen in the past week have divided and cased down to th

lode is 1 it. wine, producing this am, worm from a way per an array.

MOLLAND.—8 me of the sumpmen in the past week have divided and cased down the shaft, and put in a footway to the 62, whilst the rest have been stopping in the back of the 52 cast, in consequence of the non-arrival of the pumps, but I am now, however, happy to state that the pumps are all here, and will shortly be fixed, and the engine draining from the 62, after which we shall cut plat, &c., preparatory to driving at this point. The lode in the 52 cast is at present small and unproductive; the stopes in the back of this level will produce 2 tons of ore per fm. The lode in the 42 cast is 3 ft. wide, mixed with killas and spots of yellow ore of good quality; this end is suspended, and the men will shortly commence sinking a shaft on the back of the back of the week. At the adit, in the eastern hill, we have for the last 4 or 5 fms. driven on a branch varying from 9 to 6 in. wide, with spots of yellow ore; and in the present end there are several small branches dropping in from the south, but notwithstanding these indications I have suspended this end, and put the men back a few fathoms to strip down a branch in the side: In the course of a week or two we shall be able to assertain whether there is any lode gone off in that direction. We are preparing to send off the ore.—T. BENNETTS.

NANTECS AND PENRHIW UNITED.—The 46 fm, level, west of Taylor's shaft,

NANTEOS AND PENRHIW UNITED.—The 46 fm, level, west of Taylor's shaft, is very much improved in the last week; the lode in the same level is from 4 to 5 R is very much improved in the last week; the lode in the same level is from 4 to 5 ft. wide, composed of killas, intermixed with soft spar and lead ore, yielding about 15 cuts. of the latter per fathom. The lode in the stope in the back of the 40, on the south lode, over the cross-cut, is 4 feet wide, yielding 8 cuts, of lead ore per fathom. The lode in the stope in the back of the 30, on the south lode, 130 fathoms east of the cross-cut, is 5 feet wide, yielding 16 cuts, of lead ore per fathom. The 30 fm. level, going west of Taylor's, is much the same as last reported; the lode is still large, and spotted with lead one. The lode in the stopes in the back of the 20, on the north lode, 5 fms. west of the engine-shaft, the lode is 3 ft. wide, yielding 6 cuts, of lead ore per fathom. The lode in the stopes in the back of the 20, under the south shaft, is 2 yards wide, yielding 12 cuts, of lead ore per fathom. The deep add the south shaft, is 2 yards wide, yielding 12 cuts, of lead ore per fathom. The deep add the south shaft, is 2 yards wide, yielding 12 cuts, of lead ore per fathom. The deep add the south shaft, is 2 yards wide, yielding 12 cuts, of lead ore per fathom. The deep add the south shaft, is 2 yards wide, yielding 12 cuts, of lead ore per fathom. The deep add the south shaft, is 2 yards wide, which were the south shaft, is 2 parts wide, which we expect will be ready in eight or nine days from this time: 20 tons of lead ore was sampled on Monday last.—John Williams: Oct. 17.

NORTH BASSET.—In the 102, driving west of the new shaft, the lode is 2 ft. wide,

NORTH BASSET.—In the 102, driving west of the new shaft, the lode is 2 ft. wide, worth 15t. per fm. In the 92, driving west of the new shaft, the lode is 2 fect wide, worth 7t. per fm. In the 52, driving west of Lyle's shaft, the lode is producing good stones of ore. There is no material alteration to notice in any other part of the mine.—T. GLANVILLE: Oct. 15.

NORTH DOWNS.—In the rise above the 100 no lode has been taken down this week. In the 90, east of west shaft, the lode is 20 in, wide, worth 200, per fm; in the stopes in the bottom of this level the lode is 3 feet wide, worth 601, per fm. in the stopes in the back of this level the lode is 19 in, wide, worth 101, per fm. In the 70

cross-cut, east of John Michael's, we have not cut any lode or branch as petribute department is just the same as last reported.—Oct. 15.

tribute department is just the same as last reported.—Oct. 13.

NORTH TOWY AND CYSTANOG UNITED.—In the deep adit the load very hard for the last 5 fathoms, and disor-tered by the caunter lode, but is more regular, and will yield 1 ton of lead per fm. We have not yet out the in the shallow adit, but expect to do so in two or three days. The dressigressing favourably.—W. H. REYNOLDS: Oct. 15.

gressing favourably.—W. H. REYNOLDS: Oct. 15.

NORTH WHEAL DAM-SEL.—In the shallow adit end, on Tolcarne in lading west of Tregoning's shaft, the lode is 1 foot wide, producing stones of the sign was to fire on the sign of the sign of

Carne tin folde, aftering case to Acassay summy.

The other parts of the mine continue without alteration since my last report.

Liam Tradure: Oct. 17.

NORTH WHEAL ROBERT.—The lode in the 52 fathom level driving cast is, 3½ ft. wide, producing good stones of ore; the lode in this level driving west; 5 ft. wide, producing good stones of ore; the robe in the 30 driving west is the tersected some good branches of ore; there has been no lode taken down in the rise from the back of this level. The lode in the 30 driving west is the wide, yielding one ton of good ore per fathom; the stopes in the back of this level. The lode in the 30 driving west is the wide, yielding one ton of good ore per fathom; the stopes in the back of this producing about 1½ ton of ore per fm. We are enlarging our dressing-fom hope to have a good parcel of ore for our next sampling.—A. Panoa: Oct. 10.

OLD TREWETHER CONSOLS. —The engine arrived at Wadebridge let (Oct. 15). I shall leave early to-morrow morning, after putting the mean in the mine, for Wadebridge, to make all necessary preparations for its safetime mine, for which purpose I have engaged a sufficient number of horse, in thing at the mine still goes on favourably.—RICHARD YERRAN.

— I returned late last night from Wadebridge. I am happy to inform you at taken almost everything out of the ship belonging to us. The bolier is eighted to the still the parishes of St. Teath, St. Kew, and Endelli no, for upway ears: having been engaged in that locality as a miner for several years, la abled to inform you a little respecting the lodes in that neighbourhood. At man Mine, there are several promising lodes for antinony; only one lode has been on, and that yielded an immense quantity, and returned a handsome profit su at the present price of autimony, I would recommend the concern as a see worthy of notice.—Jonn Minesa, of the Carn Brea Mines; to Cet. 12.

PARKWYN AND CARWALSICK.—The engine-shaft is now timbered asky.

PARKWYN AND CARWALSICK.—The engine-shaft is now timbered a 5 fms. 3 ft. from surface. We are keeping the men at work night and day to sink as fast as possible. The walls of the smiths and other shops wip leted this week. The engine-house is being erected with dispatch.—Jows. Bisnay : Oct. 19.

o sink as fast as possible. The wails of the smiths' and other shops will a pieted this week. The engine-house is being erected with dispatch.—Jord law. Besny: Oct. 19.

PENHALE CONSOLS.—At the engine-shaft, sinking under the 74 fm leap ground is moderate, and the lode 15 in. wide, producing 8 cwts. of ore perfix the same level north the ground is good, and the lode 14 in. wide, producing 5 cwts. of ore per fm.; on the south the ground is good, and the lode 14 in. wide, producing 3 cwts. of ore per fm.; on the east part the ground is moderate, and the lode 6 wide, producing 3 cwts. of ore per fm. Gurney's shaft is completed to the level we are driving south; the ground is good, and the lode 2 ft. wide, conga moderate, and the lode 14 in. wide, producing 2 cwts. of ore per fm. We may moderate, and the lode 14 in. wide, producing 2 cwts. of ore per fm. We may moderate, and the lode 14 in. wide, producing 2 cwts. of ore per fm. We may moderate, and the lode 14 in. wide, producing 2 cwts. of ore per fm. We may the bottom levels at Morcon's shaft, and find they clear morth of this about 5 feet and south about 3 feet; each of the levels are choked with piles of which appear to be productive for ore; we shall commence clearing them ately. It appears the shaft is sunk 2 fms. below the present level. In the 3s we are glad to say we have discovered whole ground, and in the end the ground-moderate, and the lode 15 in. wide, producing 3 cwts. of ore per fm. The way moderate, and the lode 15 in. wide, producing 3 cwts. of ore per fm. The sinchest producing a fair quantity of ore. We sold 61 tons of lead, to the Smelting Company, on the 5th inst., at 141, 2s, 6d, per ton.—R. Moacon: Oct.

PERRAN UNITED.—The engine-shaftmen have been actively engaged in the past week in making the necessary preparations for fixing a larger clister that the past week in making the necessary preparations for fixing a larger clister that is also in a state of forwardness, and, from present appearances, we shall admined the producing some good, f

been unfavourable it would have been driven up by his time. This is a goal and I would advise the company to continue the level. Should any discover place you shall know by the first post.—WM. GREAVES: Oct. 13.

QUINTELL DOWNS.—During the past week we have driven about 9 ft. at the lode, which is 4 feet wide, with spots of lead and blende, much the same ported last week. In driving the north end, the ground is softer, and a grate water issuing out from the end, which, I think, shows there is another lose and distant.—T. B. CHARTON: Oct. 18.

RORRINGTON.—The engine-shaft is progressing satisfactorily; ground fa able for sinking. The south lode in the deep adit level, driving cast, is show wide, a mixture of spar, blende, and spots of lead ore. The cross-cut driving, The lode in the middle level, driving east, is 1 ft. 61, in, wide, composed of floor-our excellent stones of lead ore, with good strings of lead ore dropping towards in the middle level, driving cast, is 1 ft. in, wide, composed of floor-our excellent stones of lead ore, with good strings of lead ore dropping towards in morth lode in the middle level, driving cast, is 1 ft. in, wide, composed of blender, and occasional stones of lead ore. The south lode, in the winze sinking below middle level, is about 3 ft. wide, a composition of spar, carbonate of lime, and stones of lead ore—a very kindly lode. Taylor's lode, in the shallow level east, is 1 ft. wide, saving work for lead ore, a very promising end; the stopes back of this level will yield about 6 cwts. of lead ore per fathorn. Capt. Trying to the composition of spar, carbonate of lime, and broke this morning stones of lead ore from the back ½ cwt. in a lump; and sk, when the men from the shallow level on the north lode, and put them to shis as from surface on the same level. This winze was sunk by the former compast. If ms., the lode in which is 2 ft. wide, very promising. We shall have about 5 ft. sink to hole to the shallow level, which shall be done with all possible tips were the surface on th

therefore, nothing new to report. The water is again in fork, and operationenced this morning. There is nothing new to report in the tribute pitches. ROUND HILL.—The north and south lode in the stopes in the bottom of add level is about 4 ft. wide, worth about 1 ton of lead ore per fm.; the lostope in the bottom of the said level is about 3 ft. wide, and will yield also of lead ore per fm. The Coppiec lode in the deep add level, driving east, is wide, composed of spar and decomposed manganese, producing excellent lead ore. We are progressing favourably with enlarging and timbering its shaft, and no time shall be lost in getting it ready by the time the engine shaft, and no time shall be lost in getting it ready by the time the engine the engine-base is covered in, and we are daily expecting the engineers be the engine together.—W. BARRATT: Oct. 19.

SILVER BROOK.—The lode in the end driving south of the engine-shall life. level, is much improved, producing lead, saving work, and the part of we are saving is opening wider. We are still sinking the southern whimshope to reach the 11 fm. level by the end of this month or the begrinning sixtongly impregnated with lead. We shall reach the 22 by the end of ewhen this is done we shall lose no time in dividing down the shaft and cuttin order to drive north and south on the course of the main lode in the 24 same time continue the sinking of the shaft to the 32. The lode in the wing south of the engine-shaft from the add to the 11 fm level, still produce any work; we hope to reach the 11 by the end of next month, when we mence stoping the backs east and west of this winze. Our prospects are mo ing. We shall at once begin to make preparations for the dressing-floors, shortly gete ores ready for the market.—M. Strentzwi, W. Hosking: O. P.S. Mr. Adam Murry has been at the mine for the last two days, and has inspected it both underground and at the surface: he will write to you a support.—Michialla Strentzwa.

SOUTH CARN BREA.—In the eastern adit level the lode is composed of so nd stones of copper ore. The operations in the engine-shaft and deep adit level inue to progress satisfactorily.—T. GLANVILLE.

tinue to progress satisfactorily.—T. GLANVILLE.
SOUTH DEVON GREAT CONSOLS.—During the past week the engine-shall been sunk 4 feet, and every effort is being made to sink it as fast as possible ground in the adit level is favourable; the lode is 3 ft. wide, chiefly composed of and spar, with stones of copper ore occasionally. The engineer says it is abuild the engine-house so rapidly; the thinks it advisable to stop building fer inght, to allow the walls time to settle. The masons will now commence building office and carpenters' shop.—J. Cock: Oct. 15.

office and carpenters' shop.—J. Cock: Oct. 15.

SOUTH WHEAL YEOLAND.—The men are busily engaged in cutting de old shaft on the new south lode, preparatory to sinking. They are also laying the railroad, and getting the stamps and dressing-floor in order. I shall put drive and stope as soon as I can find room for them to work, and shall soon position to return tim. I broke some good stones of tin from the lode, and have reason to expect that we jahali find it as good as it was when last worked.—Eddy: Oct. 19.

EDDY: Oct. 19.

SOUTH CRENVER.—Carme's engine-shaft is sunk below the 34 fm. level 17th ground rather harder than it has been since we have been sinking; we calculused the state of the state of the shaft to the rise, if this floor of scontinues. In the 84 fm. level, east of Varnish's, the lode is 25th, twide, prostones of copper—say, 35 ton per fm. In the 84 west, the lode is 25th, wide, producing 135 to 25th and 15th and

THE MINING

ELIOGGAN.—During the past week we have cleared and secured the old shaft be adit level; the men are now engaged in clearing and securing the plat. In a drys I hope we shall begin to clear the old level towards the caunter lode.—T. CREMION.

ELIOWETH.—Cole's engine-shaft is sinking below the 67; the lode is 20 feet by potted with copper ore. The 67 is driving west of Cole's engine-shaft; the 15 ft. wide, capels and mundic. The 67 fathom level is driving cast of Cole's engine-shaft; the 25 ft. wide, capels and mundic. The 67 fathom level is driving cast of Cole's engine-shaft is now sun's 9 fms. 2 ft. below the 67, and not have set to Cole's engine-shaft is now sun's 9 fms. 2 ft. below the 67, and not have set to cole's engine-shaft is now sun's 9 fms. 2 ft. below the 67, and not have set to cole's engine-shaft is now sun's 9 fms. 2 ft. below the 67, and not have set to cole's engine-shaft is now sun's 9 fms. 2 ft. below the 67, and not have set the south wall of the lode below the level I was inclined to cut it through; that the lode is 20 feet wide, composed of quartx, mundic, copper ore, and alto-ker very good looking; it looks likely to improve in depth, and for that reason its aggest that we make it 15 fms. before driving below the 67. I have rarely as large and regular a lode, only wanting more ore to make it what we all delay have a sundice of the doce.—Oct. 14. In 66 ft. 15 ft. wide, composed of ore, we deem it advisable to drive through is point of operation, to see the width as well as value of the lode.—Oct. 14. IEMOLLETT DOWN.—The ground in the adit level south is without alteration; it goes going east is about 5 ft. wide, composed of spars, with very prominent spots of lead going cast is about 5 ft. wide, composed of spars, with very prominent spots of rand copper. We have also driven an adit end 5 fms. on a north and south lode, it is if, wide, and composed of spar, with strong spots of lead and copalization. The stopes were possess, we shall have abundance of mineral, and then a strong lode, full 5

The winze sinking under the 75, on the north Tode, continues bines 5 tons of ore per fin. In the 75 cast the lode is 4 ft. wide, composed of capel in, worth 2 tons per fin. The 55 cast is producing 4 tons of ore per fin. Other the without alteration.—W. Roberts: Oct. 15.

BY DING DONG.—The flat-rod shaft is sunk 5 fms, under the 20 fm. level, on misclode; the lode is 1 ft. wide, not rich, but produces good stones of tin. The lott the 20 fm. level, cast of flat-rod shaft, are 15 in. wide, worth 10 ft. per fm. it. the backs over the 20 fm. level, weat of flat-rod shaft, are 16 in. wide, worth 10 ft. for tin. The lode in the engine-shaft is 1 ft. wide, worth for tin 121, per fin.—Janus Tarkins: Oct. 18.

BOTON.—The men continue deviage on the

eek the engine-elast s fast as possible. hiefly composed of eeer says it is not stop building for is r commence building

ON.—The men continue driving on the course of the Ryder lode, at 6l. per Appearances have altered during the last few days, the ground having be-fr, and more congenial for ore.—R. P. EDELSTEN: Oct. 19.

An more congenial for ore.—It. F. Ederstern: Oct. 19.

ET PAR.—We are getting on well with sinking the engine and drawing shafts, its ground is becoming of a light, soft, beautiful killas. The engine works extended the control of t

The will.—J. Wenn: Oct. 19.

WHEAL ALFRED.—Cole's engine-shaft is sinking below the 30; it is now as deep as the 45, at Carr's engine-shaft, and the ground continues favourable. (a., krel is driving west of Carr's engine-shaft. Driving on the south part of the state of the stat

the lode is 3 ft. wide, mundie, flookan, and ore. The wisses is sinking below the 20, said of Leman's abadt, the lode is 4 ft. wide, compaced of muscles and over. There are also also the continuation of good ground in Cole's en in proceedings of the continuation of good ground in Cole's en in proceedings of the continuation of good ground in Cole's en in proceedings, which is not present such as deep as the 40, at 10 we can get Cole's engine-shall as deep as the 55 before a continuation of the continu

HEAL TREE WEATHAL THE mark substitute that the state of the set of

WHEAL TRISTREM.—The engine-shaft is sunk 6 fms, below the 28 fm, level, and we hope to reach the 40 by the end of November, as the ground still continues favourable. No. 3 copper lode has made a splice north, we think with No. 1 copper lode, which we are driving to prove, and should they be found together there is every probability of having a large bunch of ore. The whim-shaft is sunk about 25 fms. 3 feet from the surface in favourable ground, and the rise is now up 10 feet above the back of the 23, so that there are about 9 fms, more to sink and rise to hole this shaft; this we hope to accomplish in about four weeks from this time, -J. JENKELS. Oct. 18.

WHEAL VICTORIA.—In driving the 40 fm, level south we have out a lode full 3 feet wide, composed of spar, prian, and peach, but as we have not yet driven off from the cross-course, we cannot do more at present than merely state the discovery; we intend to drive on its course immediately. We have not yet discovered the eastern heave of the north lode; the cross-course is very large in this place, and the lode appears to be disordered; no doubt we shall soon discover it, and shall then drive eastward as fast as possible; meantime we propose to drive northward to intersect the other lodes.—R. Dussron: Oct. 17.

other lodes.—R. Deseron: Oct. 17.

WHEAL WILLIAMS.—We continue to drive the 40 fm. level west of engine-shaft, and sink the winze below the 17 fm. level with all possible speed, in order to form a communication with the said winze to the 40 fm. level below; on this being effected we hope to lay open productive and profitable ground. I continue, however, firmly of opinion from present indications that rich deposits of ore will be the results of this beautiful stratum of mineralised elvant. The lode in Kessell's winze is a little improved. Our engine and pitwork are in excellent working condition.—G. Rowr: Oct. 18,

WHEAL ZION.—Our engine-shaft is now down 5½ fms. below the 40 fm. level, in favourable ground for sinking. The 40 fathom level cross-cut, towards the south iode, is progressing favourably. In the 40 fm. level, east, the lode is much as last reported, producing saving work for copper ore. In the 40 fathom level west, we are cutting through the lode, which appears to be improving. We have four mene raising mundic and copper ore from the bottom of the 30 fathom level, east of Lemon's abaft. Richard's shaft is now down 22 fms., and still in favourable ground for sinking. We have passed through several floors of beautiful looking spar, spotted with yellow ore. Our mine is looking very favourable, more so than I ever saw it.—J. Baar: Oct. 19.

YEOLAND CONSOLS.—Measts, Loam's men are now employed fixing the engine, and we are promised that they shall be kept fully occupied until the job is completed. The mine is looking very well generally. The 36 and 46 west are producing most excellent work; the lode is composed of a splendid goesan and peach, carrying a beautiful spar, and good work throughout for tin. Our adit is nearly cleared up; and, when completed, will relieve us from the top water, which has been trouble-some to us during the late heavy rains. We hope to have the drawing-engine to work in a few weeks, when we shall be in a position to make much larger returns, as we could put several pare of men to work immediately on profitable parts of the lode if we had power to bring the stuff to surface. The new counting-house will be finished in a few days. The new drawing-engine all disappointed by the founders in getting the materials on the mine.—J. FEZEY: Oct. 19.

FOREIGN MINES.

IMPERIAL BRAZILIAN MINES.—[Received Oct. 15.]

FOREIGN MINES.

IMPERIAL BRAZILIAN MINES.—[Received Oct. 15.]

Gongo, Sept. 1.—It is with regret that I notice the delay attending the departure of the vessel with the new stamps, more especially as no mention is made of the amalgamating machinery, which I fully expected by the same opportunity. Capt. Pengilly has informed me that it was promised within a month from the period he was authorised by you to give the order; and I am only expressing the general feeling when I state, that until its arrival the value of the Camara lode cannot be fairly tested, as it has been found, after repeated experiments, that from the light nature of the gold a considerable quantity escapes when passed over skins; this being the case, some other method must necessarily be resorted to until such time as the machine shall reach us. The operations have been carried on vigorosaly at the mine, and a fortnight only will elapse before the communication between the winze and rise will be effected, immediately upon which the ore can be broken and obtained for the mills, if fortunately at hand. As a small portion of this immense lode has, as yet, only been intersected in the tunnel, it was deemed expedient, in the first instance, to resume the driving, for the parpose of cutting the northern part, with the least loss of time; and the idea ever before me, in commencing the preparatory works, is the piacing them on such a scale and position as to ensure a large supply of stone, sufficient for any crushing power that may be hereafter applied, which I believe to be in accordance with the spirit of your instructions. The Preza Grande has been substantially repaired, thereby increasing the stream of water in the upper rego; so much so, that the captains are under the impression that it will be found adequate, even at that elevation, to work a set of stamps nine months in the year without having recourse to other means. I have also to advise the completion of the new road, which proved rather a heavy undertaking, but it has been made in a very cr

the gold raised at the company's mine, until such time as the association should again be in a state of prosperity.—H. Oxenon, Jun.

NATIONAL BRAZILIAN MINES.—[Received Oct. 17]:—

Oxenes, Aug. 30.—I have the honour of laying before you a report of the proceedings of this mine since the 30th Sept., which, I am glad to say, is the most promising I have had to make for some time. In the castern end we have interesced to vol layers, the south one being stone, and the other jacotings, which were separated by a hord ironstone, 3 ft. thick; therefore I thought it best to drive on the jacotings, and or driving about 2 fathoms both layers became united. At this point I had 32 bowls, of jacotings washed, which gave 10 oits, or 1½ co., or 160. It have stationed four workmen to open upon this vein—that is, two sinking and two rising. In rising we have got to the hard stone, and to-day I have taken a very good sample from it, and also a small piece or two showing gold; but in consequence of not having a greater space to employ more hands, the produce is not so good as might be expected, but in consequence of the timber breaking scarcely anything has been and the transparent of the timber breaking scarcely anything has been taken out of the vein. In the Bandeira level west we have driven 2 ms. 5 ft., and I am glad to say that the lode is very promising, several stones, showing gold, having been taken out of the vein. Coences produce for the month ending the 31st Aug., Miss. 6 + 6 48.

LINARES MINES—[Received from Capt. Alexander W. Martyn.]:—

Paso Ancho, Oct. 8.—We have put sumpmen to cut the plat for the 75 fm. level, at 13b. per cubic fm.; the lode is large, and worth 1½ ton per fm. I am happy to state that the 65 end, west of engine-shaft, is further improved, it now being worth 4 tons of ore per fm. The 65 end east is worth 2½ tons per fathom. The first in this level, against Arroyo's winze, feotimes were good, worth 5 tons per fm. In the 55 end, west of Casualidad winze, we are still driving on the cross-course; we ha

These costs are enormolis, the largest I have ever had to record since my residence at Morro Velho. In the previous month (June) the eosts were heavy enough—say, 6474!.—but now they are nearly 1000!, higher. This, indeed, is easily accounted for, as follows:—Excess of natives' and blacks' rewards and overtime, being for six weeks in July, against only four weeks in July, 3600 sr.; excess of charges from Rio for commission on sale of gold, passages to England, &c., 3400 rs. =7000 rs., equal to about \$234; salaries and ware feet.

as follows:—Excess of natives' and blacks' rewards and overtime, being for six weeks in July, against only four weeks in June, 3609 rs.; excess of charges from Rio for commission on sale of gold, passages to England, &c., 3400 rs.—7000 rs., equal to about \$254.; is already was then \$9.05 rs. equal to about \$254.; is already was then \$9.05 rs. equal to about \$254.; is already was then \$9.05 rs., now \$401 rs.; charges from Rio were then (exclusive of the export duty on gold) 215 rs., now 3505 rs.; the total cost was then \$69,605 rs., now \$63,145 rs.; the nett profit was then 4785 l. 15 s. id., now 4783 l. 17 s. 11d. I think I may safely promise that the cost for August will be considerably lower.

Ang. 18.—Gold extracted to date, 2916 oits, from 162-77 cubic feet of sand, result of 10 days' stamping, yielding 21-43 oits, per cubic foot. Considering the serious stoppage of upwards of half a day's stamping on the 5th, as detailed in my diary of that date, this is not a bad produce. Stamps working 10 days, average 118-96 heads. The supply of stone from the mine has been somewhat checked, partly by the stoppage on the 6th, and partly by a holiday depriving us of the services of all our native borers on the 15th; still, we have been enabled to reject 10 or 12 loads of the forst stone daily.

Ang. 31.—Gold extracted to date, 21,265 oits, from 1000-44 cubic 21 of sand, result of 21 days' stamping, yielding 21-19 oits, per cubic foot. Stamps working 21 days, average 121-71 heads. The supply of stone from the mine onnihues without much now employed there, will be more larged in the first on some the first own the champion ground much quicker than we are doing at present; and as the ore in this locality will consequently not hold out very long. Capt. Treloar looks to the Gamba Mine to replace that source of supply. It has, therefore, been determined to lay down an inclined plane on the sight enuaning principle in the Gamba Mine, to facilitate the hauling of the ore. Capt. Goyen is now engaged in putting in the cross pie

ent hands for the purpose until we obtain a further supply of timbermen. In the sha, the mining captains concur in reporting most favourably of the lode in the meh, which they state never looked so well or so rich as it now does.

ROYAL SANTIAGO MINES-[Received Oct. 17] :-

ROYAL SANTIAGO MINES—[Received Oct. 17]:—
Cobre, Sept. 7.—The Sir Isaac Lyon Goldsmid commenced discharging coal on the 5th inst. The captain expects to finish this week, and will be ready to receive ore immediately after; he will in that case be dispatched in the course of next week. Raised in August, 50 tons ore, and 5 tons precipitate. In the past month we have broken down about 15 tons of ore, and from the arch in the back of the 35 fm, level, from here, and from the arch in the back of the 35 fm, level, from here, and from the back of the 35 fm, level, we will endeavour to raise 40 tons in September. The lode in Taylor's shaft is less orey than I have had it for some time, and is also getting smaller, the south wall having a less underlie; it is now \$f\$ ft. wide, is speedier for breaking, and is scompose principally of m_ndic and peach; excepting that the ore is less, the lode has quite as good, if __ot a more favourable of the speeding of the future are somewhat more favourable. Go_usmids shaft has been sunk about 6 ft., and we have offered a premium if 6 ft. ascoomplished in the month. Discovery shaft is being planked to apply the whim, to draw from the 10 fm, level. The winze in the adit level has improved, and is now yielding excellent stones of grey ore. In the winze in the adit level has improved, and is now yielding excellent stones of grey ore. In the winze in the south, now 2 \(\frac{1}{2} \) fms. under adit, black ore is increasing in quantity, and appears to be forming a regular leader on the south water in sinking, and it has continued full since the time west end very poor, and the east end yielding \$6 or 4 tons of ore per fm. The 50 fm, level east is 7 fms. from shaft, and at this point is being creased by a slide, which is cutting off the ore in the same way as in the 44 fm, level. On the north side of the side is lodestuff, composed of finishe quarts and gossan, spotted with yellow and black ore; native copper is visible in Lumerous stones. The south lode in Perseverance is 3 ff. wide, com

Great Camerian Mining and Quarrying Company.—We have rectived a communication from the secretary of this company, having reference to some observations respecting it, which appeared in last week's Mining Journal. In justifying himself with the shareholders and the public, that gentleman assures us that he has never been open to the charge of neglecting his duty to them, or even withheld information from them, but, on the contrary, he has always been most happy to proffer it, when in his power, to all who are entitled to seek it. We are quite ready to believe that the secretary's conduct has given complete satisfaction to the board of directors, also that his future efforts for the prosperity of the company will be well appreciated by them and the proprietary generally. No doubt, the duties of a secretary in such an undertaking are sufficiently arduous, and we are most happy to insert this explanation: the property being worked by the company possesses, we believe, all the elements of success; and that with ordinary care and indicious management it will eventually prove a profitable and lasting investment. The manager's report will be found among the British Mining Correspondence.

Arangactions on the Stack Erchange

	Crassatitudes dir	-						
Shares.		Paid.		Last P			ess Don	e.
100000 Agua	Fria	. 1		% to	% pm.		136	
30000 Angle	o-Australian Gold	. 1	3	dis			Desire.	
100000 Angle	-Californian	. 16		dis	par	36	% K	3
10000 Austr	ralasian	. 2		114 -	% dis.		-	-
40000 Dit	to, Coal Mining	3		36 -	k dis.		-	
19000 Austr	ralian	. 5		2 -	216		2%	
60000 Austr	ralian Cordillera	1		34 -	W dis.	*** *	3 3	
100000 Austr	ralian Freehold	. 1		X -	% dis.			
50000 Ave	Maria	. 1	100100	¥ -	% dis.		36	
72000 Bade:	n, Grand Duchy of	. 1	}	dis	par	******	1	
100000 Britis	sh Australian Gold	1		36 -			36	
210000 Carso	ons Creek	. 16		dis			36	
100000 Colon		. 1		34	le pm.		1% %	
350000 Copps	er Miners of England	. Stock		53 -	65		4000	
8000 Dit	to, Preference	. 23		30 -	32	*****	-	
70000 Engli	ish and Australian Copper	. 5	*****	216	3	*****	2%	
20000 Gene	ral	20		14 -	16		-	
Innini CL63	t Nugget Vein	. 2	*****	par -	k pm.		2	
100000 Dis	tto, registered	. 2			-	*****	-	
HENUOU Lake	Bathurst	. 1		* -	5 dis.		K	
60000 Liber	rty	. 1		% -	a dis.	*****	X %	
50000 Lond	on and Calif. Gold Quartz.	. 1		× -	%		0000	
инини Магі	quita	1		% -	% dis.		-	
20000 Mexi	can and South American	. 9	*****	6% -	7%		6%	
F60000 New	Granada	. 1		dis	par	*****	%	
200000 Nouv	eau Monde	1		¥ -	la pm.		1%	
IMMAN Port	Philip	1	*****	14 -	W dis.		34	
-60000 Quar	tz Rock	1		dis	a pm.	*****	1	
Senior South	Australian	1		35	la dis.		34	
100000 West	Granada	1		5 -	3; dia.			
BREEFE WEST	Mariposa	. 1		16	¼ dis.		16	
100000 Yuba	***************************************	. 1		· -	% dis.		X	
	MISCE	LLAN	FOUS		-			

100000	Yuba 1 5 -	S d	is	X
	MISCELLANEOUS.			
Shares.	Companies.	Paid.		Price.
20000	Australian Agricultural	1736		34
SOBO	British American Land	38 %		0 60 ex.div.
100,000	Crystal Palace	5		50 to
50000	Ditto, new	1150	********	1% 2
12000	Electric Telegraph (A)	20		
12000	Ditto	15		12 14
20609	General Steam Navigation	14	*******	29
50000	Netherlands Land	4	********	216 316
123715	North British Australasian Loan	1	****	1
120000	Peel River Land and Mining	5	******	5 4%
20000	Peniusular and Oriental Steam			70
-000	Ditto	25		36-3
100000	Scottish Australian Investment	1		23, 23,
12700	South Australian Land	25		32%
150000	Submarine Telegraph	1		.76
10000	Van Diemen's Land	28,6		14%
	JOINT-STOCK BANKS.			
22500	Australasia	40	********	69 70
40000	Chartered Bank of Asia	5	*******	3% 4
40000	Chartered Bank of India, Australia, and China	2	*******	130 2
55000	English, Scottish, and Australian Chartered	10		736 836
25000	London Chartered Bank of Australia	15		15%
60000	London Joint Stock	10		22 24
50000	London and Westminster	20		3336
20000	New South Wales	20		
24000	Oriental Bank Corporation	25	*******	43 45 x.d.
20000	Provincial of Ireland	25		49
20000	Royal Australian Banking and Gold Importing Co	1		
38000	South Australia	25		39%
20000	Union of Australia	23		6% 787%
9000	Ditto, new	21/2		61/4 71/4

THE WASHINGTON CHEMICAL COMPANY, NEWCASTLE-ON-TYNE;

ATTINSON'S OXICHLONIOS. LEAD. The WASHINGTON CHEMICAL COMPANY having, during the last year, ESTABLISHED a MANUFACTORY of PATTINSON'S OXICHLORIDE of LEAD on a large scale, and being able to supply it with regularity, and to execute ORDERS without DELAY, now proceed to bring this new and valuable preparation of lead before their friends and the public, quite sure that it will not, in the present age, be condemned because it is new, and that if judged by its merits, it must make its way, and finally take its place as one of the important manufactures of this country.

condemned because it is new, and that if judged by its merits, it must make its way, and finally take its place as one of the important manufactures of this country.

PATTINSON'S OXICHLORIDE of LEAD is a chemical combination of one equivalent of chloride of lead and one equivalent of coxide of lead; it being well known that common white lead is a chemical combination of one equivalent of chloride of lead and one equivalent of oxide of lead; it being well known that common white lead is a chemical combination of one equivalent of oxide of lead and one equivalent (or thereabouts) of carbonic acid, constituting what is called in chemical language, carbonate of lead. Now, there is no reason to conclude that carbonate of lead is the only compound of lead what purpose. In point of fact it is not so, for the newly-discovered oxichloride in most, if not in all respects, is far superior; its colour is brilliantly white, and in a number of cases it has been fried against the best white lead that could be obtained, and after a period of upwards of two years, it has been found to retain its white colour considerably better than the lead against which it was tried. But the chief and by far the most important advantage it possesses is its remarkable and very decided superiority of body, by which term the power of covering surface well and extensively is understood among painters. The attention of the discoverer was at a very early period drawn to this circumstance, and since that time the Washington Chemical Company have had abundant opportunities of placing its superiority in this important patricular beyond all doubt. They have themselves performed a number of experiments, and have also caused a number of experiments to be performed, in the large way, by various practical men, to ascertain neacurately its covering power as compared with the best white lead, and they now state the proportions to be as 60 to 100—that is, 60 lbs. of oxichloride paint will cover as much surface as 100 lbs. of the best white lead, the saving of

notice of consumers, both on account of its economy and its intrinsic good quass as a paint.

LONDON—Mr. Richard Cooke, 7, Sise-lane.

Messrs. Blundell, Spence, and Co., 9, Upper Thames-street.

LIVERPOOL—Messrs. Johnson and McGowan.

MANCHESTER—Mr. James Bouglas.

LEEDS—Messrs. T. and E. G. Jepenn.

SUNDERLAND—Mr. John Young.

DEVGSS-HIEE AND CORNWALL—Mr. Richd. Penrose, Tavistock & Plymouth.

EDINGUSSHIEE AND CORNWALL—Mr. Richd. Penrose, Tavistock & Plymouth.

Greenside-nase. Edinburgh.

JOI

BERVESM

echside-place, Edinburgh. SGOW AND WEST COAST OF SCOTLAND—Mr. John Hinshaw, Glasgow LIN AND SOUTH OF IRELAND—Mr. P. Linskey, No. 91 Middle Abbe

street, Dublin.
BELFAST-Mesers, William Stevenson, jun., and Co.

Che Mining Market; Prices of Metals, Ores, &c.

METAL MARKET, London, October 21, 1853.

			LLI	A	D MARKET, Louison, October	, 41,	2000	PO-1
ENGLISH TRON.			Ton		SPELTER.			
Bar and bolt a	_		0 1		On the spotp. ton £21	5-21	10	0
In Wales a	Second .		7 1		To arrive , 21	5-21	1 10	0
In Liverpool a	-		15 6		COPPER.			
	-		10		Tile, 14 to 28 lbs. a p. ton	107	10	0
	-		10		Tough cake a	107		
	_		0		Sheathing and bolts a p. lb.	0	1	0
	-		15		Sheet a	0	i	0
	_		0		Bottoms &	0	i	1
	_		10		Old a		-	
Rails (Wales) b	-		7		Yellow Metal a	0	0	10%
" (Staffordshire) b	-		7		Wetterstedt's Pat, Met,+ cwt.	. 2		0
Railway Chairs, Clyde b	-		10			_		-
Pig. No. 1, Clyde b	1000		6		ENGLISH LEAD, 6			
3-5ths No. 1 & 2-5ths No.	-		6		Pig p. t	on 2	2 (0
No. 1, in Wales e		- 4			Sheet	- 2	3 (0
Scotch Pig No. 1 in London		- 4			POREIGN LEAD, 6			
Stirling's Non-lamina- ting, or Hardened,					Spanish, in bond p. ton		1 (0 0
ting, or Hardened,	0	0- 9	2	0	Spanist, in conta	•		
Surface Ralls					KNGLISH TIN. #			
Cold-blast, No. 1 Foundry	10	0- 6	10	0	Blockp. cwt	-	6 :	3 0
Charcoal bars	-	-14	10	0	Ingots		-	
Stirling's Patent Glass		- 9	10	e	Bar	-	6 5	3 0
Stirling's Putent Glasg.	_	- 6		v	Refined y -		-	
Ditto Wales	0	0- 4	5	0				
FOREIGN IRON.					FOREIGN TIN.			
Swedish		-11	10	0	Bancap. cwt.		2	
Russian CCND	_	-17	0	0	Straits (uncertified). ,,		U	
Indian Charcoal Pigs					TIN-PLATES. b			
Indian Charcoal Pigs	_	- 4	0	0	IC Charcoalp. box -	- 1	12	0
					IX Ditto	- 1	18	0
PORRIGN STREE		9.6			IC Coke	- 1	7	0
Swedish keg, nominal	_	-16	. 0	U	IX Ditto ,, — — Cauada plates a . ton —	- 1	13	0
Ditto faggot	-		_		Canada plates a . ton -	-13	0	0
RING.								
In sheets d p.	ton	36	0	0	QUICKSILVER f p. lb	- () 2	4

Terms.—a, 2½ per cent. dis.; b, nett; c, 3 ditto; d, 1½ per cent. dis.; e, 2 ditto f, 1½ ditto; deliv. in Liverpool 10s. per ton less.—+ Discount 5 per cent. Delivered in Liverpool 10s. per ton less.

RAILS—Several purchases have been made.

Scorte Pioshave fluctuated from 64s. to 66s.; the market leaves off at 65s. 6d. buyers.

SPELTER is firm at 21f. 10s.

COPPER—A steady business doing.

BANCA TIN is very firm.

Tin Plates—In small demand.

GLASGOW, Oct 19.—The pig-iron market since our last has considerably improved. On Saturday it reached 65s., on Monday 66s., and yesterday 67s. The feeling at the close yesterday was a shade weaker, and to-day we have sellers at 66s. 6d. Very little iron has changed hands, holders generally being determined to wait higher rates. Common bars and other sorts of manufactured iron have again assumed a firmer aspect, and it is found difficult to buy at our quotation of 8l. 15s. to 9l. 10s., according to the make.

MINES.-The Mining Market continues in a depressed state, especially for speculative shares, prices in which generally rule lower, with a preponderance of sellers. In Great Alfred there has been a large business doing, and prices have risen to 401.; Alfred Consols are also firm, at 251, to 251. 10s.; South Tamar, 61. to 61. 5s.; Tineroft, 41. 15s. to 51. 5s.; Trannack and Bosence, 6l.; North Towy, 17s. 6d. to 1l.; Gillmar, 6l. 15s.; Cupid, 8l.; South Caradon, 230l.; West Caradon, 200l. to 205l.; Trefusis, 14l. 10s. to 15s.; West Stray Park, 8l.; United, 220l. to 230l.; West Providence, 42l. ex. div. Lead is rising in price, and many of the mines are now getting 4l. per ton more for their ores than they did a few months since, which will materially add to their profits. Copper and tin are also firm, and we see no reason, taking all things into consideration, for the depression which exists in shares.

Let be Bullion Market — Mexican and South American dollars, 4s. 112d.

In the Bullion Market, —Mexican and South American dollars, 4s. 112d. per oz. Bar silver containing gold, all gold above 5 grains in the pound to be paid for, 5s. 124 per oz. standard. Bar silver without gold, 5s. 124 per oz. standard. Bar gold, 77s. 9d. per oz. standard. Spanish doubloons, 78s. 6d. per oz. Fine cake silver, 5s. 6d. per oz.

At the Condurrow Mine meeting, on Monday, the accounts showed—Balance last account, 1821. 12s. 5d.; ores sold, 35221. 3s. 10d., materials ditto, 11.=37051. 16s. 3d.—By labour cost., Aug. and Sept, 19741. 16s. 10d.; merchants' bills, 6491. 8s. 7d.; lord's dues, 1761. 2s. 2d.; dividend, 7681. leaving balance now in hand, 1371. 8s. 8d. A dividend of 3l. per share was declared. Capt. Nicholas Vivian reported that there was no alteration in the levels. Roberta's lode was not cut. The winze sinking under the 99 fm. level was worth 30d. per fm. In the 120 cast, on the main lode, the lode is large and promising. The 20 was yielding a small quantity of rich ore, worth 3l. per fm. The new stamps with eight heads will be ready to work in a fortnight. A large extent of ting ground was opened, and the returns expected to increase, but copper would fall off unless a new discovery was made.

discovery was made.

At West Wheal Providence meeting, on the 14th instant, the accounts showed—Balance from last account, 1321. 17s. 9d.; ores sold (after deducting lords' dues, 1-18th, 3101. 7s. 6d.), 52761. 10s.; carriage, 461. 17s. 10d. = 54561. 5s. 7d.—Mine cost from April to July, 23491. 13s. 6d.; merchants' bills, 9751. 4s. 10d.: leaving a balance in favour of adventurers of 21311. 7s. 3d. A dividend of 2l. per share was declared, amounting to 20481., which left balance to next account, 83f. 7s. 3d. Capts. R. Polglase and Samuel Gross stated that since the last report they had sunk the boundary engine-shaft under the 90 fm. level 4 fms. They had out Aften's branch in the 90 western end, worth 12l., and the eastern 10l. per fm.

Wheal Tradavany has declared, a dividend of 2l. per share.

Wheal Trelawny has declared a dividend of 2%. per share.

At the Caylan Mine meeting, on Wednesday, the accounts showed—Balance last account, 2746l. 12s. 4d.—By labour cost, July, 142l. 4s. 5d.; August, 194l. 19s. 9d.; merchants' bills, 61l. 18s. 4d.: leaving in hand, 2347l. 19s. 3d. Capt. James Barkell reported that the Caylan lode had produced by stoping 15½ fms. 7 tons of silver-lead ore; Eagle Rock lode was yielding 5 cwts.; the winze 15 cwts.; Eagle Rock east 8 cwts. per fathom. The ground generally was easy, and would stand without timber. There were 15 tons of ore dressed, and about 9 tons underground.

produced by stopping 15% is cwts.; Eagle Rock east 8 cwts. per fathom. The ground generally was easy, and would stand without timber. There were 15 tons of ore dressed, and about 9 tons underground.

At the Esgair Liee Mining Company's meeting (T. Field, Esq., in the chair), the accounts showed—Balance last account, 2321. 0a. 10d.; mine cost, July, 2961. 11s. 8d.; August, 2531. 3s. 9d.; one year's royalty, 2111. 18s. 7d.; bill stamp, discount, &c., 91. 0s. 9d. =10021. 15s. 7d.—Ores sold, 6731. 1s. 4d.; leaving balance against adventurers, 3291. 14s. 3d.; to meet which there are upwards of 30 tons of ore broken in the mine, and it is fully expected that 100 tons will be sold before Christmas. The purser expressed a hope that at the February meeting they would be in a position to declare a dividend.

At the Wheal Carne meeting, on the 14th inst., the accounts for three months ending August showed—Call of 14s. per share, 377f. 6s.; sundries, 11. 16s.; tin sold, Aug., 257f. 7s. 6d.; Sept., 2011. 15s. 3d.; oct., 1911. 15s. =10291. 19s. 9d.—Balance last account, 3661. 15s. 3d.; mine cost, June, 2191. 5s. 10d.; July, 167l. 15s. 11d.; Aug., 149l. 18s.; merchants' bills, 87l. 5s. 2d.; carriage, 15d. 2s. 7d.; dues, 23d. 8s. 10d.: leaving balance in favour of adventurers, 8s. 2d. The agent's report stated that they were preparing to sink the engine-shaft below the 74 fm. level. The lode in the shaft is 2ft. wide, mixed with tin. The 14fn. level has been extended 13 fms. west; this recommend of the control of the control of the shaft is 2ft. wide, mixed with tin. The 14fn. level has been extended 13 fms. west; the lode is 6 in. wide, with tin. The 14fn. level has been extended 13 fms. west; the lode is 6 in. wide, with tin. The stopes and several tribute pitches were being worked at a good profit. The mine was looking better than at the last meeting.

At the Tavy Consols Mine meeting, the accounts showed—Balance last account, 8581. 0s. 1d.; copper ores sold, 6511. 19s. 11d.; water charge abstacl, 604; error in June bills,

At North Caradon Mine meeting, yesterday (James Burt, Esq., in the chair), the accounts showed—Shares taken up, 2680, at 1*l*. each, 2680*l*.—Total expenditure, 2653*l*. 10s.: leaving balance in favour of adventurers, chair), the accounts showed—Shares taken up, 2680, at 11. each, 26801.—
Total expenditure, 26531. 10s. I leaving balance in fixour of adventurers, 261. 10s. The report of the finance committee appointed at the meeting on the 8th of Sept., was read, but in consequence of all the books and vouchers being refused to the shareholders by Mr. Bennett, the accounts were very unsatisfactory, and may be considered as estimated. Messrs. Morrison and Wright had visited the mine, and reported very favourably on the future prospects, although the buildings had been erected on a much larger scale than accessary. They recommended raising a sufficient sum to pay the present claims on the adventurers, and make provision for the necessary works for the next three months. It was stated that Mr. Bennett had put himself down at 2501. a year as managing director, 1001. a year as purser, and required that all the money should go through his hands. Mr. Spurrier, the solicitor to the company, informed the meeting that he had applied in vain to Mr. Bennett to give up the books and vouchers; and the chairman assured the meeting, that on one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennett promised to give up the documents on payment of one occasion Mr. Bennet promised to give up the documents on payment of one occasion Mr. Bennet promised to give up the documents on payment of one occasion Mr. Bennet promised to give up the document promised to give up the occasion Mr. Bennet promised to give

At East Caradon Mine meeting, on Wednesday, the accounts showed—Balance last account, 1038/. 13s.—By labour cost, July, 126/. 2s. 11d.; Aug., 94/. 8s. 1d.; merchants' bills, 77f. 18s. 10d.; removing and altering engine, 220/.: leaving in hand, 520/. 3s. 2d. Capt. James Seccombe reported that the engine-shalt was down 52 fms. from surface. Marke's look was 15 to 18 in. wide, composed of peach, mundic, soft spar, and a small quantity of copper ore—a very kindly lode.

At the Garreg Mine meeting, on Thursday (Mr. W. H. Cuel in the chair), the accounts showed—Balance last account, 106/. 7s. 9d.; calls, 172/. 12s. =278/. 19s. 9d.—By labour cost, Aug., 132/. 16s. 3d.; Sept., 101/. 6s. 8d.: leaving balance in hand, 44/. 16s. 10d. The balance of assets over liabilities was 141/. 18s. 10d. A call of 2s. per share was made. A special meeting is to be held on 10th Nov., to forfeit all shares on which the calls are unpaid. Captain Michell reported that the engine-shaft was down 26 fms., with large spots of lead; in three months it would be down 30 fms. The 20 fm. level was producing lead, worked on tribute at 3/. per fm.

At Trevoso Mine general meeting, held at 3, Church-court, Clement's. lane, on the 18th inst. (Ino. Rowlands, Esq., in the chair), the report and statement of accounts having been read and adopted, after some conversation as to the future management, the meeting was adjourned to the 28th inst. The captain's report will be found in another column.

At Wheal Zion special general meeting, at Salvador House, on Monday (T. E. Stubbs, Esq., in the chair), the circular convening the meeting having been read, it was discovered that an erro, had occurred in the printing as to the words read, it was discovered that an erro, had occurred in the printing as to the words read, it was discovered that an erro, had occurred in the printing as to the words read, it was discovered that an erro, had occurred in the printing as to the words read, it was discovered that an erro, had occurred in the printing as to the words rea

(T. E. Stubbs, Eaq., in the chair), the circular convening the meeting having been read, it was discovered that an error had occurred in the printing as to the words 27th inst., which should have been the 27th ult. A discussion accordingly arose ago to whether there had been sufficient time allowed from the date of posting the notices of the printing of the boding of the same. The chairman ultimately deconvening the meeting dissolved.

The Britannia Lead Mining Company's spechal meeting, at Mr. Bragg's, Pontyblyddyn Inn, on the 18th Oct., was attended by Mr. William Jones (druggis), Pontyblyddyn Inn, on the 18th Oct., was attended by Mr. William Jones (druggis), Pontyblyddyn Inn, on the 18th Oct., was attended by Mr. William Jones (druggis), Pontyblyddyn Inn, on the 18th Oct., Was attended by Mr. Jones, Jun., Mr. A. C. King, Mr. O. King, Mr. Prior, Mr. Smith (per A. C. K. K.), and Mr. Prioz. The resolution respect, ling the disputed shares passed at the last Llanarmon meeting having been read, it was unanimously resolved that the same be carried into effect. It was unanimously resolved that the same be carried into effect. It was unanimously resolved that, on Mr. John Bragg tendering to the purser (Mr. William. Clemence) the same paid by Mr. Joseph Wright for the disputed scrip, together with all calls due thereon up to the present date, he, the purser, be authorised to issue to Mr. Bragg fresh scrip. It was proposed by Mr. Humphrey, seconded by Mr. Jones, and carried, that all the incidental expenses attending this meeting be borne by the company. It was resolved that, as it appeared the lease was now, and had been for some time past, redy for signature, the purser be requested to appoint Thursday week for the different trustees to meet at Mr. Roberts's office, Mold (the Marquis of Westminater's sellcitor), and execute the deed, and that each party concerned receive five clear days notice of the time appointed. The purser's report was, that the ground continued much the same as last stated, the indications of

The Wrysgan Slate and Slab Quarrying Company's first half-yearly meeting will be held on Monday, when we understand a dividend of 10 per cent. will be declared.

Per cent. will be declared.

At the Blaenavon Iron and Coal Company's meeting, on the 14th inst. (R. W. Kennard, Esq., in the chair), we announced last week that a dividend of its, per share was declared for the six months ending June. The chairman announced that, although the directors had no account to lay before the meeting (arising from the difficulty and inconvenience attending the taking of stock), they were quite attified that a dividend was made out of clear profits, which could be easily ascertained on balancing the books. In fact, the result of such balancing would have enable them to declare a dividend of It, per share, but the directors thought the most prodest course would be to pay off their old debts, and reserve the remaining portion of their profits to meet contingencies. As we stated in our last, the prospects and position of this company have at length become very encouraging, and it is with much pleasure that we find the exertions of the board of directors have been so successful. The meeting expressed a unanimous vote of thanks to the chairman and the board, and the utnost confidence in the ultimate success of the undertaking. The dividend declared afforded complete satisfaction. A detailed report of the proceedings will be found in another column.

Foxdel, Powkal, Persence of the content of the proceedings will be found in another column.

Foxdale, Penhale, Frongoch, Cwmystwith, flerodifoot, Darren, Rhuswydol, Dyfngwm, Llanrwst, Nanteos and Penrhiw, Wheal Golden, and Wheal Mary Ann, have sold lead ore.

Bosorn, Penzance Consols, Balleswidden, Birch Tor and Vitifer, and Lowis, have sold black tin.

Lewis, have sold black tin.

The Great Wheal Vor United Mines, on Friday last, sampled and sold tin cres, the produce of one month, amounting to 9164. 2s. 8d.; highest price, 78d.

The Balleswidden United Mines sold, on Saturday last, 34 cwts, of black tin, the produce of four weeks' working, for 1221. 1ts. 10d. This week will complete the building of the engine-house, &c.; immediately after which the 35-inde cylinder will be hove in, and set to work with all speed; this will enable the manager to put more men to work on tribute ground, and raise large monthly quantities of tin. In three or four months the productive locks will be wrought at deeper levels, where every confidence is placed on their meeting with the lodes as good, if not better, than at the present depth; the locality for tin being one of the very best in the county of Cornwali.

At North Buller, some time since, in driving the adit level, they intersected the great cross-course that made all the ore in Great Wheal Buller, and it is

At North Buller, some time since, in driving the anti-level, they intersected the great cross-course that made all the ore in Great Wheal Buller, and it is
well known that all the lodes intersected by this cross-course have made rich depotic
of ore castward. The present shaft in North Buller is about 30 fathoms east of this
cross-course, and is producing rich stones of ore in the 40 fm. level. The deep crosscut driving towards it will cut the lode in the 90, and looking at the locality, and
the rich mines all round, there is little doubt of this mine becoming a great prize.

At Devon Kapunda the agent reports: "We have been busily engaged
this week changing our pitwork, preparatory to cutting the lode, which is now completed, and the water will be in fork this evening (Thursday); consequently, we have
only been able to drive the cross-cut 2 feet 6 inches this past week: the length of the
cross-cut is now 9 fms. 1 ft. 6 in.; therefore, we are now in in the last fathom of
driving. The indications are highly promising, and in my next I hope to be able to
congratulate you on a good course of ore."

From the Livich Conselv Mine. Cant. Henvy Thomas, under date 18th

driving. The indications are highly promising, and in my next 1 hope to be some congratulate you on a good course of ore."

From the Irish Consols Mine, Capt. Henry Thomas, under date 18th Oct., writes:—"Having minutely inspected these mines to-day, in company with the secretary and Mr. Stephens, your Dublin broker, I beg to say, that in the adit levid, driving west on Colleras lode, it is 3 ft. wide, composed of friable quartz, chloritz, and flookan, of a very promising appearance, spotted with good and healthy yellow copper ore. The lode is well-defined, and from the opinions of scientific and pratical gentlemen who have visited the property since my last advise, it fully corroborates my often-expressed opinion of the value of this lode. The trial shaft progressionly, but from the change of ground in the last day or two, I have no doubt while very we are fast approaching the champion lode. Last night a fresh feeder of water issued from the north side of the shaft, and a great deal of calcareous spar and carbinate of lime, impregnated with lead and yellow copper ore has been met with this day; therefore, have great reason to believe the anticipations hitherto expected from this lode will be fully realised. The great quartx or caunter lode looks well, and is holding its strength, size, and appearances. I do not hesitate to say that I entertain the highest opinion of this portion of the company's property, and as all the lost is not in the shaft, I have thought proper to direct the men to drive a few feet south, or the cottages are going on well, and I hope the company will be ready to work by Meday or Tuesday next, which, I must say, reflects great credit to those who ereded it —viz., Irishmen. The cottages are going on well, and I hope the company will be pleased with the manner in which they will be executed."

The well-known Cuddra sett, in the district of St. Austell, Cornwall, is

In Foreign Mines, business has been very limited. Metcalfes opened on Monday at 2½, 3, but in consequence of the general impression that the reports respecting the richness of Job's Hill wete fallacious, on Wednesday were down to 2 2½, and closed yesterday at 1½ 2; Jamaica were quoted, the beginning of the week, at 1½ 3 prem., and after slightly fluctuating, left off at 1 to ½ prem.; Fort Royal remained steady at ½ to ½ prem., and later slightly fluctuating, left off at 1 to ½ prem.; Fort Royal remained steady at ½ to ½ prem. and slightly selectary, when they fell to ½ ½; Carendon, ½ to ½; Sue Biver, on Monday were not ½ prem.; Imperial Brazilian, 4½; St. John del Rey, 34½; Cobre Copper, 42; Copiapo. 10½; Linares, 9½; Maxilcan and South American, 36; United Mexican, 3½ 3½.

The Anglo-Californian Gold Mining Company have, in compliance with the Deed of Constitution, issued their accounts to the shareholders. From this it appears that the total share capital is (less deposits returned to the sharoholders), 30,3524. 4s. 9d. The labilities are, due to bankers, 4500l.; directors, 1000l.; sundries, 732l. 12s. 10d. The principal expenditure has been for the Dicksburg Mine, 4100l.; Fluken Ledge, 400l.; mining expenses, buildings, stores, &c., 7202l. 19s.; Californian salaries, 1851l. 1s. 4d.; London salaries, 1141l. 19s. 3d.; machinery, 4894l. 12s. 9d. The balance in hand on the 31st of August was, at bankers', 682l. 16s. 1d.; in secretary's hands, 5l. 7s. 7d.; Sir Henry Hunley, on May 31, 1853, 7335l. 17s. 3d.: making a total of 8024l. 0s. 11d. The annual general meeting will be held on the 31st inst., when it is intended to take into consideration the propriety of making an increase in the capital of the company. At Louise Mines meeting (Rhenish Prussia), on Monday (J. Browne, Esq., in the chair), a very satisfactory report was read from Captain Philips, of the Gladbach Company. The mines are the Louise, Dorothes, and Marianstolin, in Uckerath, province of Neuvice, on the Rhine. The company are raising at the present

g's, ist), r. O.

pectid, it
ously
ence)
s due
bragg
ried,
r. It

, Esq.,

ecounts

F. Edlast ac-l. 9s. 2d.

hterage, ur of the ertaking

lf-yearly nd of 10 14th inst

dend of 10s, announced rising from quite s tis-ascertained ave enabled onest prudent tion of their and position much plea-cessful. The

cessful. The e board, and dividend de-lings will be

ren, Rhos-iolden, and

Vitifer, and

led and sold t price, 781. 34 cwts. of This week will

34 cwts. of This week will ich the 36-inch nable the mathly quantities t deeper levels ood, if not betery best in the

d, they inter-buller, and it is de rich deposits ms east of this ms east of this to locality, and great prize. usily engaged ich is now con-mently, we have he length of the le last fathom of oope to be able to

der date 18th

ader date 18th impany with the in the adit level, and healthy yellow in the date of the death of

tell, Cornwall, is ned, under the late aunter into Cuddra-inging it before the

ed Consols, Bedols, Doleoath, Levis,
siph Consols, Watsiph Consols, Wateal Reeth, Altama
odmin West Down,
Darren, East Gunsi,
arch, Gract Crimis,
1501s, Kenneggy, Bill
of Albert, Riowyfol
of Luxillion, Vale of
Wheal Buller, West
eignton, East Buller,
South Devon Consols,
tt Stray Park, West
umare, Irish Consols,
tmare, Irish Consols,

return since 1846; and the produce for the month of August equats within 6 bs. weight the quantity obtained the first six months of the year.

The National Brazilian Mining Association have advices to the 30th Aug. In the castern end they had intersected two layers, the south one being stone, and the other jacotinga, which were separated by a hard ironstone, 3ft. thick. On driving about 2 fathoms both layers became united; at this point 32 bowls of jacotinga were washed, which gave 10 oits., or 14 oz. of gold. Four workmen were stationed to open the vein, two sinking and two rising; they had taken a very good sample from it, and a small piece or two showing gold. At terra Cahida, they had blasted a few holes in the vein, which gave a very good sample. In the Bandeira level west they had driven 2 fms. 5 ft.; the lode is promising, several stones showing gold. Cocaes produce for the month ending the 31st Aug., Mrs. 6 4 6 48.

The St. John del Rey Mining Association have advices to the 31st Aug. The produce for July was 33,549 oits.—3223 lbs. troy. The supply of stone from the mine, since the Susumah 6 heads had been engaged on the experiment of stamping sand, had enabled them to throw out from 16 to 20 tons per day. The nett profit for the month was 47834. 17s. 11d. At Morro Velho, the gold extracted to the 31st. Aug. was 21,205 oits, from 1000-44 cubic feet of sand, result of 21 days' stamping, yielding 21 tip olts. per cubic foot. Stamps working 21 days, average 121-71 heads.

The Royal Santiago Mining Company have advices to Sept. 14. The quantity of ore raised in August was 51 tons, and 5 tons of precipitate, and the produce for September was expected to be about 40 tons. Goldsmid's shaft had been sunk about 5 ft., and a premium had been offered if 6½ feet was sunk in the month. Taylor's shaft is without alteration; the west end very poor, and the east end yielding 3 or 4 tons of ore per fm. The south loke in Perseverance shaft is not looking quite so well, and the free labourers are getting on very slowly, h

3½ feet in the last fortnight.

From the Pontgibaud Silver-Lead Mines, the agent writes, under date the 13th inst., that the new lode at the No. 5, or bottom level at Rosier, continues to open well. In the level north from cross-cut the lode will produce 1½ ton of ore per fm. The same level south is yielding 15 cwts, per fm. in easy ground, which is being opened rapidly. The No. 5 level north of St. Joseph's shaft is producing saving work; the same level south is also yielding some ore. The No. 4 level south is yielding 12cwts, per fm. No. 3 is yielding 6 cwts, per fm. The lode in the add in Ns. Denis is worth 23th per fm. In the mine of Roure the levels are also opening ore ground, and there is a prostect of obtaining a good deal of ore from this ground. The lode left standing in the back of the old add it is estimated to be worth 20th, per fm.

The Rhennish Mining Company have received devices from this ground.

ing in the back of the old adit is estimated to be worth 201. per fm.

The Rhenish Mining Company have received advices from their agent, Capt. Richards, to the 12th inst. At the Rhonard Mine, the new shaft is now down 12 fms., with good ground for sinking, and will soon be communicated to the adit. This will thoroughly ventilate the mine, and greatly facilitate the workings. This month, it is expected, the cross-course in the bottom of the shallow adit will be away, which will turn out an immense quantity of copper and white iron ore—the lode varying from 2 to 8 ft. in width. At the present time there are at surface about 23 tons of copper, and 250 tons of white iron ore, ready for market. At the Kesseling Mine, the lode in the north adit is 3 ft. wide, and much the same as when last reported. At the south part of the concession, the lode has been driven through, and is about 20 ft. wide, intermixed with rich copper ore. Men have been placed to drive on the west side of the lode, and to cut into it occasionally, to see how it appears.

The accounts received by the Brucutt Gold Mining Company as to the

The accounts received by the Brucutu Gold Mining Company as to the commencement of operations, and the appearance they present, are considered very satisfactory. The agent speaks with confidence to the effect that the difficulties which stood in the way of working the mine by native labour alone are unimportant, and will be speedily vanquished by European skill and experience. Whilst worked by a native force, the mine has been known to yield 15 lbs. weight in one day. As will be seen by an advertisement in another column, the report from which this extract is taken is at the office of the company for the inspection of sharcholders calling with their shares.

taken is at the office of the company for the inspection of sharcholders calling with their shares.

The Nouveau Monde Gold Company have received advices from their superintendent in California, dated 20th of August, stating that he is extremely vexed at being unable by this opportunity to furnish an account of an actual experiment from the ores of the mines on a large scale. The conical iron arastre had been put to work, and reduced ten quintals of ores to a fine-sline in four hours, but the teeth of the driving, wheel of the washing vat, which became choked, were destroyed, and, of course, for the moment put an end to the experiment. He had ordered, however, a fresh set of wheels of a stronger description to be put on, which he fortunately had on the spot. The castings of the Chilian mill had arrived, and would be placed on site immediately. At the Mount Ophir Mines the appearances were improving greatly, and all employed there were in high spirits. He considers that set alone capable of supplying 50 tons of quartz daily, but intends only working two setts, to give each 25 tons per day, so as to reduce 50 tons daily, until he increases his machinery.

The Carsons Creek Mining Company have received advices from their manager and engineer (Messrs. Carrington and Inch) to the effect that they had brought the several claims to portions of the mine into a satisfactory course of settlement, on the conclusion of which no obstacle would exist to the immediate transport of the machinery to the selected locality on the Stanislaus at the foot of Carsons Hill.

The Avo Maria Company have received advices that the preparations and foundations for the company's heavy machinery are now completed, and ready for the erection of engines, &c. The assays of the quartz produced from the New York Mine have yielded most satisfactory results.

The Avo Maria Company have received advices that the reres, at New-castle, bad realised nearly 6000. The sales of coal raised Jan., 1853, 3064 tons, sold for 29414; Feb., 3781 tons, sold for 2

not of consequence, from inclemency of weather.

The Peel River Land and Mineral Company have also received advices from their general superintendent, Capt. Browning, to the 12th May, and Mr. Rudder, the company's surveyor, reports as follows:—Since my last communication I encamped for three days close to the junction of Mambroimore Creek with the Peel, and examined the adjoining ranges. As the result of my examination, I have the pleasunined the adjoining ranges. As the result of my examination, I have the pleasunined the inform you I found gold high above the river, in a rocky guly about three quarters of a mile from the upper station, in a direction north-west. I by no means wish to raise any expectations by the character of my report which may not hereafter be realised; I wishit, therefore, in all cases to be understood that in prospecting I canot, from any examination then made, determine the value of the spot as a workable field. Many places which yield but a few grains in the prospecting pan may (and frequently do), on more extended research, pay well, and vice versa. I have been thus explicit to prevent disappointment, should my present expectations prove too. field. Many places which yield but a few grains in the prospecting pan may (and frequently do), on more extended research, pay well, and vice versa. I have been that explicit to prevent disappointment, should my present expectations prove too anguine. Since mine of the 3d inst., I have the satisfaction to inform you I have found the source from which the first specimen of auriferous quartz was obtained from the Australian Agricultural Company's estate by Messrs. Lourie and Renwick; it is alluded to in my report on the quartz veins as having the appearance of a detached vater-worn piece of quarts; one of the shepherds showed me the spot where he picked up a rich specimen he gave Mr. King; I prospected it, and found the cross of the vien. I have tested the stone by amalgamation, and also the soil by which it is surrounded, and have no doubt of its richness. The surface soil in the vicinity I have reason to believe is rich; I picked up two pieces out of three found on the surface; they weigh by grs.; I also tested the soil, and found gold. This is an entirely new discovery; I have also actisfied myself that another auriferous vein equally rich exists. It is traceable can be dovernment side, whence it has yielded some handsome specimens. I have tested the soil in the direction of the vein on the company's land, and obtained gold from every pan. I have seen two or three pieces picked up on the surface in the same locality from i to 3 dwts. each. In short, my investigations have been to me highly cucouraging (looking at the position of the company in England), as showing a richer and more extensive auriferous deposit than I before believed to exist on the estate. I sincerely hope that more extensive operations than can be accomplished when prospecting may ultimately sustain the character of the company's field.

From Adelaide, South Australia, (13th of July) we learn, that no great alteration had occurred in the general state of business. Burra shares were

quoted 142 buyers; and the average value of money was 8 to 10 per cent. The quo tation for Victoria gold was 3l. 17s., and that from Echunga 3l. 13s. 6d. per ounce.

quoted 142 buyers; and the average value of money was \$ to 10 per cent. The quotation for Victoria gold was \$4. 17s., and that from Echunga 34. 18s. 6d. per ounce.

The directors of the Keeweenaw Point Copper and Silver Mining Company have just published their first report, as also those of Mr. De Bussy, mining engineer of London, and of Mr. Petherick, a Cornish mining captain and resident manager at the North-West Mine, in the vicinity of the company's location. They were now in possession of 1240 acres, reported on as being as rich mineral land as any on Lake Superior; and the resident director had been instructed to proceed vigorously with the works. Mr. De Bussy reports that several veins had been discovered, but only two had been sufficiently opened to justify particular mention, called the cast and west. The west vein had been opened by a shaft 14 ft. deep, and by several cuts. At the shaft the vein is 16 in. thick, showing in places fine copper. The cast vein is opened in seven different places on a length of more than 1600 feet. At the shaft, which is 32 ft. deep, it is also 16 in. thick, and presents good stamps work throughout. Captain Wm. Petherick reports that the appearances warrant a sufficient amount of capital for their further development. On the spot there is an excellent stream of water available for preparing copper for market, and for other purposes; also timber of good quality for mining operations. Messrs, Johnson and Matthey have assayed the ores, and certified the following results:—Two casks of copper or, weighing 3 ewts. 1 qr. 12 lbs., nett, produced in crushing 28 lbs. 14 ozs. metallic copper; and from one box of copper grains, weighing 10 ibs., was produced a bar of copper weighing 8 lbs. 7½ oz.; from another box, containing 4 lbs. of copper grains, a bar was made weighing 3 lbs. 8½ oz. This shows the yield of the dressed ore to be—819, and from the new vein 879, per cent. of pure copper.

The Journal du Hurre announces that Government, yielding to the numerous petitions on the subj

coat soam to the bench, was in course of construction. The coaf taken on board the American war stamer Powhattan at Labuan had been pronounced by the engineers of that vessel as the best they have ever used.

The Gold Mining Share Market this week has assumed an appearance of decided flatness. The repeated delays advised as attending the operations of the leading companies tend to discourage holders, and stimulate speculative sales. Under these circumstances, nearly all descriptions have ruled lower, and closed yesterday evening with a flat appearance. The notification that the Anglo-Californian Company required new capital, with the fact that in California about 14,000! As been expended without any definite result, has assisted the prevalent depression. Some descriptions of stock during the early part of the week were in demand; but after Thursday there was a marked decline, with scarcely any exception. The accounts from Australia are of a more encouraging nature. In the week ending the 4th June, 2161 ozs. of gold, valued at about 8000!, reached Sydney from the various New South Wales diggings, which may be enumerated as follows:—Bathurst, Sofala, Yass, Bingara, Tambaroora, Avisford, Mudgee, Braidwood, Bell's Creek, Major's Creek, Goulburn, Murrurundi, Caneron's Creek, Tamworth, H anging Rock, Rocky River, and the Ovens, where new and rich placers had been discovered. In the week ending June 18th, 1446 ozs. of gold came to 8ydney, together with 2864. in cash. The total of the exports of gold since the first discovery amounted to 1,332,741 ozs., which at 70s. per ounce represent a capital of 4,864,5034. It is, of course, impossible to estimate the amounts taken out by passengers, either on their own account or for others. The prices of gold at Sydney in the third week of June ranged from 3t. 15s. to 3t. 17s. 6t. per oz. Considerable losses, in some cases amounting to 8s. or 10s. on to 3t. 17s. 6t. per oz. Considerable losses, in some cases amounting to 8s. or 10s. on to 3t. 17s. 6t. per oz. Considerable losses,

% to % dis.

In Miscellaneous Shares, although business has been limited, prices have shown an improvement on last week's quotations. Australian Agricultural opened at 33 35, which they maintained until yesterday, when they slightly declined, closing at 33½ to 34½; Feel River, 4½ to 5; Crystal Palace were steady at ½ to % prem, until Wednesday, when they drooped, and were last quoted at ½ to ½ prem, and for the new issue ½ to ½; pr. m; Scottish Australian Investment, 13, to 13½ pm.; South Australian Land, 33; Van Diemen's Land, 15½. Some transactions have taken place in the Submarine Telegraph Company at ½ dis. Bank shares have been quiet, with occasionally slight fluctuations: the closing prices were—Australias, 69 70; Chartered Bank of Asis, 3¾; English, Scottish, and Australian Chartered, 8; London Chartered Bank of Australia, 15¾; Oriental Bank Corporation, 44½ ex div.; Union of Australia, 67 8.

of Australia, 67 8.

In Iron and Coal Companies, during the week, business has been done at the following prices:—New South Wales Coal, ¾ to ½ dis.; Mount Carbon Coal, ¾ to ½ dis.; Australasian Coal, ½ to ½ dis.; Port Hunter and Moreton Bay Coal, ¾ dis. to ½ mr.; Rheish Charcoal Iron and Steel, par to ½ pm.;

The arrivals at Swansea include—From Rouen, 50 tons of copper ore; from Almerio, 130 tons of copper ore; from Cuba, \$25 tons of copper ore.

The Antwerp and Rotterdam Railway Company, at the lest meeting, held at Brussels, made a call of 1½ per share, which will be payable on the 15th Nov. next. Interest at the rate of 5 per cent. per annum will be charged on all arrears of calls. Shareholders paying to the London bankers must lodge the certificates at the company's offices, in Cannon-street, five days before the time of payment.

HULL, Ocr. 20.—Our correspondents (Messrs, T. W. Flint and Co.) inform us that there has been a little more vigour in our market for mining shares. Enquiries have been made for three or four kinds, but holders do not feel inclined to sell. Among those most in demand we may mention Great Wheal Alfred, Trefusis, and Lelant.

St. John del. Rey.—From private advices received from this mine, it is stated to be in a most efficient state of working, and likely to make very much larger returns, the great feature being the improvement in quality of the lode as they get deeper, and very little improvement in a gold lode will make an immense difference in the profits.

NOTICES TO CORRESPONDENTS-(Continued).

NOTICES TO CORRESPONDENTS—(Continued).

kiolio-Californian Gold Mining Company.—Sin: This association have just is sucd their balance-sheet, which I believe is unparalleled in the annals of mining. Sir H. Hundley, their negociating director, has expended over 14,000%, and yet no results have been attained: what has he been doing, as well as his two superintendents? I trust at the meeting that the directors will be able to tell us how many fathoms of ground he has driven, sunk, or stoped, what shops he has erected, and what produce he has raised. He may possibly be a good naval commander, but this is no qualification for a mining captain—the duty of one being aloft, and the other below; and, consequently, judging from circumstances—ne sufor ultra crepidam—it would have been better for the shareholders if he had confined his activity to marine operations: although, perhaps, he may have thought he was there, for he has evidently been at-sea with our property, and likely to prove it a total wreck. Until some results are attained, as to how the money has been expended, the attempt to obtain fresh capital is an idea which could only have occurred to men who have no knowledge cither of business or the present state of the market.—S. G.: Lincoln, Oct. 20.

'J. H." (Brighton).—There is no question but that coal exists in large quantities.

cutner of business or the present state of the market.—S. G.: Lincoln, Oct. 20.

J. H." (Brighton).—There is no question but that coal exists in large quantities,
it is impossible to ascertain the amount of money subscribed: the company was
brought out at a most inauspicious period, but there is every hope that as soon as
the aspect of the political horizon is improved, steps towards active operations will
be commenced.

oe commenced.

Mineralogist" (Camborne).—Monticellite occurs at Vesuvius in small imbedded crystals, having the general aspect of quartz, its colour yellowish, sometimes nearly transparent and colourless; it is always found imbedded in a crystaline carbonate of lime, along with particles of black mica and minute crystals of pyroxene. Its name was proposed by Brooke, in honour of the celebrated Ncapolitan mineralogist, Monticelli.

H." and "B." (Liverpool) should consult a solicitor.

Just published, price 2s. fid.,

Just published, price 2s. 6d.,

THE MINING GUIDE:
Containing the following particulars respecting each British and Foreign Mining
Company:

Name of mine
Produce
Committee
Where situate
Purser
Offices
WITH THE MINES OF LAKE SUPERIOR, AND AMERICA.

Also the Names and Addresses of Mining Agents and Dealers in Shares.

To which is added,
A COMPLETE SET of AMENDED RULES for the MANAGEMENT OF MINES

ON THE COST-BOOK SYSTEM.

The object of the Mining Guide is to afford a means of communication between inventors and others with parties connected with the working and management of mines to introduce manufactures applicable to mining purposes; acquire information, &c.

LEAD ORES. FOR ABOUT 100 TONS OF FORDALE LEAD ORE. Douglas, Isle of Man, October 18.

Douglas, Iele of Man,
John Bibby, 8ons, and Co. (purchasers)
Sims, Willyams, Nevill, and Co.
Newton, Keates, and Co.
Mather and Co.
Mather and Co.
W. J. Cookson and Co.
Panther Smelling Company
Locke, Blackett, and Co.
Contiex and Wood
Dilleyn and Co.
T. Somers 15 5 6 14 14 0 14 3 0 14 0 0 13 15 6 13 10 0 13 10 0 13 10 0 13 10 6

Sold on the 5th October. Tons. Price per ton. Purchasers. ... 61 £14 2 6 Tamar Company. Sold at Aberyst with on the 17th October. 60 £14 10 6 Panther Company. 100 14 8 6 ditto

Sold on the 17th October. Purchasers. Sims, Willyams, & Co. Sold at Bagillt on the 18th October.

17 £14 13 0

17 14 6 0
19 14 11 0 J. P. Egion. ditto Sold on the 20th October. 24 £13 10 0 77 £5 5 0 52 13 15 0 Walker, Parker, & Co. ditto Pontifex and Wood. Sold on the Mine. 52£15 15 0 Wheal Golden

						AC								
				80	ld on	the	7th	Oc	tober					
Mines.	Tona	6.	a.	lhs		P	rice.			Amo	unt.		Purch	asers.
lavorn	0	5	1	10		£78	15	0		£21	0	6 - 1	Bolitho &	k Sons.
ditto ditto Consols		5	2	20		-	_			121	2	0-	ditto	
ditto	. 0	9	2	8		53	0	0		6	16	0-	ditto	
Invance Consols	. 0	11	ī	14	******	77	0	0		43	15	6-	ditto	
ditto	. 0	ï	2	17	*****	40			00000		6	0-	ditto	
				Sal	d on	the	15th	0	ctobe	r.				
Balleswidden	. 0	28	0	22		£79	0	0		£111	7	6-1	Danbuz	& Co.
Balleswidden	. 0	6	0	26	*****	36	0	0	*****	11	4	4-	ditto	
				Cal.	d .m	the	1741	0	etabe	r.				
Birch Tor & Vitife	r 3	10	0	0		478	10	0		£ 274	15	0-1	Daubuz	& Co.
					Sold	lon	the	M	ine.					
owis	. 15	18	- 0	17		£76	0	0	}	61360	9	9	Union	, Bissoe,
Lewis	. 2	5	1	13	*****	70	10	0	9	#1903	3	9-000) and	Daubuz,

COPPER ORES.

Sampled September 28, and sold at Swansed October 18, 1853.

Mines.	Tons.	Produce.	P	rice.		Mines. Tons. Produce. Price	
		1354			0	Cobre 13 65% £66 8	-
ditto	96	13%	14	4	0	ditto 12 17 7	- (
disto	00 .	13 %	14	-		Berehaven120 9 10	- 6
ditto	91	13%	14	4	0		-
ditto	01 .	13%	14		6		-
ditto	70	21%	. 99	17	6	ditto 92 9% 10 1	
ditto	10 .	0932	94	0	6	ditto 82 1012 10 11	-
ditto	01 .	22%	09		6	Knockmahon, 48 1314 14 11	-
obre	02 .	22	99	18		ditto 47 13 4 14 9	
aitto	02 .	99	99		6		1
		22	49	10	6		
ditto	60 .	2216	22	18	6		1
ditto	38 .	24%	24	14		ditto 37 21% 22 10	1
ditto	32 .	24	24	7	6	German 71 472 4 12	
ditto	50 .	24	24	39	0	Kapunda 57 203 21 10	1
ditto	36	23%	21			Geifron 13 19½ 19 18	
ditto	54 .	21%	22	8	0	ditto 9 11 10 10	1
			TO	TAI	LF	RODUCE.	
Caha		552	C8799	5	0	Holyford 77 £1742 8	1
Cohre		599	12765	4	6	German 71 326 12	-
Donaharan		518	5113	i	0	Kapunda 57 1226 18	-
Beredaven	**********	110	3 400	12	0	Geifron 22 353 10	

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Copper Miners' Company	1283	á	£1377	13	3
Freeman and Co		á	1779	9	
Grenfell and Sons		***********		17	8
Sims, Willyams, Nevill, and Co	166	*********	4476	14	6
Vivian and Sons			6119	16	0
Williams, Foster, and Co.	519	*** ******	7841		
Mines Royal Company					0
English and Australian Copper Company	12		208		
Mason and Elkington		*******	1740	9	0
Total tons	1931	1	31,817	17	0
		000			

Copper ores for sale November 8.—Cobre 488—Berchaven 220—Copiapo 151—Burra Burra 137—Algiers 103—Waterioo Slag 103—Montreal 100—German 115—Ballymur-tagh 92—French Slag 50—Australian 15—Total, 1577 tons.

	ES.			454		
Produce.						
11 9-16	£11 18	6		£122	7	- 6
18½	. 19 4	6	**********	116	0	6
1534	£16 9	9		£117	15	
				vts.)		
			•	Stan	dar	d.
				£123	0	
15%	15 16	6	**********	114	9	6
1434	£14 18	6		£115	5	0
	11 9-16	11 9-16 11 18 18½ 19 4 15½ £16 9 1729; Foreign, 1202=19 VERAGES OF LAST S. Produce. Pric 194 £9 19 15½ £9 15	11 9-16	11 9-16 £11 18 6	11 9-16	11 9-16

COPPER ORES.

Sampled October 5, and sold at the Red Lion Hotel, Truro, October 20.

1	Mines,	Tons.	Price.		Mines.	Tons.	P	rice.	
1	Devon Grea	t Consols 111	£6 19	6	Holmbush		£2		6
1	Wheal Jo	BELLES	20 19	0	ditto		4	15	6
ł	ditto	106	1 2	0	ditto	24	20	11	0
1	ditto	104	5 16	0	West Caradon	109	9	14	6
1	ditto	89	4 16	6	ditto	98	10	8	6
1	ditto	87	5 16	0	ditto	80	13	0	0
1	ditto	83	6 1	6	ditto	40	5	1	6
1	ditto	73	3 3	0	ditto	30	9	11	6
1	ditto	56	1 4	0	Wheal Arthur	106	6	3	0
1	ditto	55		0	ditto	91	6	3	6
1	ditto	50		6	ditto	49	17	13	0
1	ditto	44	7 9	0	ditto	42	2	6	6
.	Wheal Ar	nna Maria123	5 4	θ	Wheal Messer			12	6
1	ditto	116		6	ditto	69		15	0
1	ditto		6 12	0		44	2	14	15
Н	ditto	97	5 8	6	Bedford	81	6	5	6
.	ditto	95		6	ditto	79		9	0
١	ditto	85		0	Wheal Friendship		14	10	6
П	ditto	67		0	ditto	60	9	11	6
Ц	ditto	66	6 10	0	Fowey Consols	78	10	0	0
•		anny117		0	ditto	62	8	16	0
	ditto	76		6	South Crinnis			3	6
	ditto	74	5 17	6	Hingston Down			15	6
ı	ditto	72	5 8	6	Bodmin United			9	0
3		aria 53	13 1	6	Wheal Crebor			8	6
1		homas 51		6	North Wheal Robe		. 9	11	6
. 1		ey110		6		15		5	6
	ditto	92		0	West Crowndale .			0	6
	ditto	76		6	Gonamena	42		16	6
1	ditto	62	2 14	6	Callington Kelly I			- 8	6
1	ditto	42		6	North Wheal Dan			0	0
1	ditto	18		6	ditto	16			0
-	Holmbush			0	Devon & Cornwal		. 3		0
	ditto	103		6		5	, 9	17	0
	ditto	74	. 9 14	6	Calstock United .	12	. 0	1	0
			TOTAL	. 1	PRODUCE.				
	Devon Gt.	Cons			Fowey Consols	140 61	325	12	0
	Wheal Josi				South Crinnis				

| Wheal Josiah | Wheal Maris | 2064 | £11546 19 | South Crimis | 100 | Hingston Down | 93 | Wheal Arna Maris | Wheal Thomas | 400 | 1111 | 0 | North Wh. Robert | 30 | North Wh. Damsel | 31 | North Wh. Damsel | 32 | North Wh. Damsel | 33 | North Wh. Damsel | 34 | North Wh. Bamsel | 35 | North Wh. Robert | 36 | North Wh. Robert | 36 | North Wh. Robert | 36 | North Wh. Robert | 37 | North Wh. Robert | 37 | North Wh. Robert | 37 | North Wh. Robert | 38 | North Wh. Robert | 38 | North Wh. Robert | 38 | North Wh. Robert | 39 | North Wh. Robert | 30 | North W 1217 10 761 19 464 15 321 5 384 5 95 3 412 13 222 8 276 16 113 5 60 12

COMPANIES BY WHOM THE ORES WERE PURCHASED.

	Toms.		AILIO	une.	
Mines Royal Company	328		£2059	0	3
Vivian and Sons	1191	*********	6080	14	6
Freeman and Co	375	******	2287	0	4
Grenfell and Sons	440	*********	3190		2
Crown Copper Company	115		785	3	0
Sims, Willyams, Nevill, and Co.	543		3266	14	9
Williams, Foster, and Co		*********		6	5
English and Australian Copper Company				17	4
Mason and Elkington			2606	15	9
Copper Miner's Company		**********			0
				-	_
Testal	4094	4	96 499	14	6

Copper ores for sale on Thursday next, at Andrew's Hotel, Redruth.—Mines and Parcels.—United Mines 574—Treawenn 752—Creegbrawse 390—West Wheal Dansel 215—South Caradon 211—South Tolgas 181—Wheal Confort 149—Par Conosls 107—North Downs 71—Wheal Busy 44—Treleigh Consols 22—Carbarrack 13—West Tretheilan 12—Wheal Brewer 9—Wheal Jewel 8—Wheal Moyle 5—Michell's Ore 1.—Total, 2974 tons.

Copper ores for sale on Thursday week, at Andrew's Hotel, Redruth.—Mines and Parcels.—Wheal Basset 532—Timoroft 511—North Roskear 353—North Pool 255—South Wheal Francis 222—Consols 216—Fower Consols 120—West Fower 62—Crane and Bejawsa 31—East Seton and Maude 20—Wheal Mary 14.—Total, 2356 tons.

Datices to Correspondents.

BE MINING EXCHANGE.—SEE: Having for some years dealt in mining shares, I am glut to perceive gentlemen, whose position and interest in this species of business is likely to carry weight, show a decised wish to establish a Mining Exchange. It is exceedingly desirable to put things on a more candid and respectable basis than habeen the case hitherto. I concur in the objections made to the old state of things and look forward, should they be corrected, to an increase of business in proportio to such correction. Mining is in ill odour with many to my own knowledge, though its likely such a step as the present will tend to redeem it to some extent.—A Sus scauses: Bideford, Oct. 16.

Schrener Biseford, Oct. 10.

String Wheal Buller.—Shr: I shall feel obliged to any of your correspondents for information as to what is really doing at this mine, the value of the shares, &c. They stand quoted in your list at 51., with 11. paid, but for many months you have not inserted a "present price," representing business done, and it appears they are but little enquired for in the markst.—A Shareholder.

but little enquired for in the markst.—A Sharkfolder.

Terrusor Consois.—Sin: An article appeared in your Journal of the 1st instant, signed "Veritas," stating as a known fact that a valuable silver lode, worth 1800!. per fathom, had been discovered in the said Treburget Consols Mines, and also that it had been covered up by the direction of the person who manages the aforesaid mines. Now, Sir, the person who manages those mines is incapable of such baseness as to act against the interest of his employers, and is capable of managing a much more extensive mine, and on a proper scale, without the assistance of "Benevolus" or "Veritas." I should much like to know from what source they derived their information.—J. Sowden, agent: St. Teath, Oct. 16.

Gold Dis ENGLAND.—"A Scentic, of Somerste, also what has been the expension.

their information.—J. Sowden, agent: St. Teath, Oct. 16.
DLD IN ENGLAND.—"A Sceptic," of Somerset, asks what has been the expense incurred in pursuit of this metal at the several mines? and what the amount of actual

sale of pro-use; "G. B. C." (Cornhill).—In the year 1825 an association was formed, entitled the London Smelting Company, the capital of which was 40,000t.

The Cost-book System.—"W. P. C." enquires whether the adjudication of the prize offered by Mr. Readwin upon this seleject, which was to have taken place on the last August last, is postponed?—[The adjudication of the prize was not fixed for the last of August, but that was the "ate announced as the last on which the papers were to be sent in. We should presume some public notification will shortly be made by the jurors.]

ne jurous.)

T ONSLOW MINES.—", J. J.," of Wadebridge, asks whether the same wreck is to nade of this concern as at Boscarne and other mines under the same managest, and regrets no reply has been given to his enquiry in our Journal of the 18th blast.

GREAT CRINN'S MINE.—J. Webb, of St. Blazey, would be glad if his namesake, the agent of this mine, would explain why he has not sold so much ore as he promised? Swaster, Mine.—"R. R." (Penrya) calls our attention to the fact that upwards of 800% has been expended in this adventure, and yet no returns of lead, or other produce, appears in the Journal.

Normal has been expended in this adventure, and yet no returns of lead, or other ptoduce, appears in the Journal.

Pear Printie Gold Minks Company.—J. Hopper, of Leeds, would be glad to learn how "Hopkins's system of cutting or drainage at the dip" turns out? ample time having been given to prove its worth.

Acua Fria Gold Minks—Ser: Four months ago, when the remittance up to June II amounted to 864% ounces of gold, it was then stated that Mr. Attwood, the engineer, "celculated that from 120 to 150 ounces of gold per day will be obtained with the English machinery from the same description of ore they are now working." Surely it is now quite time the machinery was in full work, not only on the Gold Hill Mines but also on the Agua Fria Mine; from the latter the gold of great value that was exhibited two years ago at the Exhibition in London was stated to have been quickly obtained, and at little expense. Yet this company has had 100,000/, for two years, and not received one shilling's worth of gold from the Agua Fria Mine; but have received from the Gold Hill Mines above 7000/, of gold, which, if divided between the proprietors, would yield but about 2s, per share. Yet I hope at the November meeting the directors will be possessed of gold enough to make a good diridend.—A Sharkenolden: Exceter, Oct. 16.

"G. H." [Dr.5iin].—The Royal Hibernian Mining Company have determined on suspending for the present the working of the Castlemaine and Lisoline Mines, but intend to prosecute with vigour the Clogher sett.

Davon Buller Great Consols.—The quotation was given on the authority of the Ratser of the mine.

D. D. "-- We are obliged to our correspondent for the correction, and for the good faith he has in our desire to make that part of the Journal to which he alludes as perfect as circumstances will enable us.

A Subscriber" (London).—Our answer in last week's Journal fully implied that the call must be paid on the shares transferred. Under the circumstances alluded to in our correspondent's second communication, we do not think the purser would be justified in a refusal to accept the call on the ten shares, or to regularly transfer them to the purchaser.

."-The quotation was received from a high authority, who had done busi-the price given, and even a shade lower, and was taken from his book in

LAND TAX ON COLLIERIES .- The enquiry of "H. P." will be fully replied to in our

next Journal.

Great Bram II. Mine.—Sir: In your last Journal there is an error with regard to the tin sold by this mine during the last three months, owing to the sales not being supplied to you for the early part of the quarter. I annex a correct statement, and will thank you to introduce the necessary alteration in your next publication:—

Tons c. q. bs. Price. Amount.

			TOUR.	C,	q.	In:	0	17	nce.		Am	OHE	IL.
Tin sold	July	12	. 0	11	1	ins		£74	0	0	£33	15	1
9.9	9.9	*******	. 1	17	3	17	*****	61	0	0	 121	5	76
22	9.9		. 0	14	- 0	- 0		58	30	4)	40	19	0
9.3	7.9		0	5	3	27		56	0	()	 16	15	6
2.9	99	*******	. 0	3	3	27			10	0	10	17	6
99	. 99		. 0	2	0	8		53	10	0	 5	10	9
9.9	AU	. 3	1	12	1	18		74	0	0	 119	18	4
9.9	29		. 2	16	3			69	0	0	 196	3	1
7.6	9.9		. 0	1	1	22		65	0	0	 - 1	14	0
90	22	******	0	-	2	21		61	10	0	 11	9	11
F3	22	******	0	- 1	1	2		60	0	0	3	16	1
23	9.9	******	0	2	2	10		58	0	0	7	10	2
9.9	Sept	. 2	7	5					-		589	4	13
99	Sept	. 30	8	5	- 0	15			_		 682	.5	11

—S. BOULTON, Purser: Moradon-street, Manchester, Oct. 18.

Trelyon Consols Mine.—Sire: May I request the favour of your inserting this letter in the next number of your Journal, by way of correcting an error in the last. The report of black tin sold during the quarter ending 39th September gives the quantity from this mine as 7 tons 5 evets, amount 53%. Iss.: whereas the correct figures, and upon which the Stannary assessment has been paid, are 12 tons 9 ewts. 3 qts. 3 lbs.; amount 50%, 66. The error is clearly to be traced to inadvertence on my part, having neglected to advise you of a sale made in July, amounting to 32%, 06. 6d. The present quarter commences with us, as announced in last week's Journal, by a sale of 7 tons 15 cwts., amounting to 37%, is.; and we have no reason to apprehend that either the November or December size will fall short of that made on the 8th 18th. Our position is good, and our prospects flattering.—The Pussix: Oct. 17.

WHEAL ACCESTA.—Siz: Permit we to correct an error in the quarterly amount of

Wheat Acousta.—She: Permit me to correct an error in the quarterly amount of sales of tin, as published in your Journal of the 15th inst. You there state those from this mine [Wheal Augusta] to 30th ult. as 2364. 4s.: the amount sold, per tin bills, is 5 tons 18 cwts. 1 qr. 21 lbs., realising 4021. 13s. 6d. Your correction of this in your next, for the benefit of distant adventurers, will oblige.—Wm. L. Pulman, Purser: Penzance, Oct. 19.

L. A. C. (Gunnardick). W. J. A. C. (Gunnardick).

myour next, for the benefit of distant adventurers, will oblige.—Wm. L. Pulman, Purser: Penzance, Det. 19.

"J. A. C." [Gunnerside].—We do not know what invention "S. N. N." refers to: Mr. W. Pidding has several patents, some of which (especially that for coke-bricks) have excited much attention. The other questions we cannot answer.

"W. G." (Newington).—A report of the last half-yearly meeting of the shareholders in the British Sperm Candle Company will be found in the Mining Journal of 4th June, 1853. The offices were in Charlotte-row, Mancium House, but the whole business is now conducted at the manufactory, Pairfield Works, Bow.

The Gases of the Blast Fernsor.—The valuable communications of Mr. E. Montifiore Levi, from Ougree, on this important subject will be found in several copies of the Mining Journal of 1859. They are illustrated by descriptive diagrams, and will be found of great utility, entering as they do decayly into the mechanical and philosophical rationale of the subject, to all interested in it. They fully demonstrate the economy of the process, and that the iron produced is unimpaired in quality.

"A. Z." (Cornhill).—A full description of Dujardin's electro-magnetic printing telegraph, with diagrams, appeared in the Mining Journal of March 16, 1850.

The Australian Acricultural Company.—Sir: The directors report that their sales of coal-feed.

r 1853 were:—	Tons.		Amo	unt	
January	3164	********	£2041	0	0
February	3781		2364	0	13
March	4195		2569	0	0
April	4397	*******	2890	0	0
Total Or, an average			£9864	0	0

Now, Sir, I see it stated in the Melbourne papers that coals there command a price of 77, per ton. Why do not the Agricultural Company supply that market as far as they can; can any of your readers throw any light on this?—A SHAREHOLDER:

Eannourga, tec. 10.
G. K." (Mold).—Scrip or shares in the Britannia Lead Mine at Llanarmon do not require a penny receipt stamp to be affixed to them.
A Mining Agent."—A meeting of the committee appointed to prepare the rules and regulations for establishing a Mining Exchange was held at Simpson's Hotel, Cornhull, on Wednesday evening. Our correspondent will see that we have alluided to the circumstance in an article, which he will find in another column.

Wheal Grenville.-We received our information from a correspondent who had purchased 100 shares.

What Generally.—We received our information from a correspondent who may purchased 100 shares.

57. Nhor's Slate Quaries.—We have received a second communication from Mr. J. Search, in which be accused us of not inserting his letter, but publishing a statement respecting these quarries, as from him, in our Journal of the lat inst, attagether erroneous, which Mr. Ennor rightly contradicted in the next Number. The reason why we did not insert Mr. Search's communication exhatin was, that two-thirds of it contained observations totally irrelevant to the subject on which he wrote, and our not having space for traditional tales about the "little smit (St. Neot) getting through the keyhole of the church door," "his well, his three fishes, his crow pound," &c. To show, however, that we gave the true meaning of his expressions, we give the following erebatin extract from his letter. Having been startled one morning by blasting operations, he made enquiry, and found a party of Delabole men working at the quarries, under the direction of one Mr. Honey.—"It was under his direction that these quarries, recently sold by that respected Cornish gentleman, Mr. Avery, to the Delabole Company, for 23,960d., had reached their high value. Having been kept waiting six months for Delabole slate (not, after all, supplied), we are glad to find this basy "Honey" been at work in a sphere so amplie and useful." Tolerably conclusive this! If any party has erred, it must have been Mr. Search's peg.

PORT Pullif Gold Miniso and Smelvino Company.—Brother Sharfholders: A public meeting will shortly be held, and it is carnestly requested that all who can attend personally will do so, and those who cannot will have a proxy to represent them. The silence held towards you by the directors, excepting when they could advance some trivial thing to depress the market value of your property, leads to the opinion that the system of secreting intelligence on the part of the directors is equally objectionable, as the reported secreting of gold by the poor Cornish tributers, and if objectionable, then highly reprehensible. It is, therefore, hoped that at the coming meeting fresh directors will be appointed, and that there will be a general unity to effect a release from the influences at present in exercise. It is monstrous that the shares of a property in a most prosperous condition, both present and prospective, should be in the depressed state they now are. It would appear obvious that depressing influences are being used for an improper purpose, or that a distrust reigns of the purity of purpose of the directorate. In either case, it is essential that a change should take place, and the support of the shareholders at the coming meeting is earnestly solicited to suggest and earry out the requisite alterations in the direction. The friends of Evan Hopkins are strongly urged to qualify themselves.—Justifiate Jot. 26.

Ives.—JUSTITIA: Oct. 20.
—In your Journal of the 15th inst., I noticed the gratifying fact of the Nant-y-Care
se being represented as the highest produce in the United Kingdom. I congralate the proprietors on the richness of their ores; but, allow me to say, the ores
the Geifron Mine, for the last 18 months, will average 165 per cent. of pure copr, being 3½ above the Nant-y-Car.—W. Pearce: Lianidioss, Oct. 20.

sig.,—Can any of your readers inform me if the manufacture of the white oxide of zinc is a patent? If so, who are the patentees—and if not, what is the most improved principle !—W.: Oct. 20.

ECHENTS IN COAL MINES.—We have received the THIRD REPORT from the Select Committee on Accidents in Coal Mines, with plates. Copies can be obtained from our office, by forwarding a post-office order for 7s. 6d. The First Report, price 6s., and the Second, price 2s., can also be had.

and the Second, price 2s., can also be had.

ANGLO-CALIFORNIAN GOLD COMPANY.—The annual meeting of the Anglo-Californian
Gold Company being called for Monday, the 31st inst., a shareholder wishes to direct the especial and serious attention of other shareholders to the vast importance
of their attending at the meeting, to take a part in its proceedings, and exercise a
"cautious" watchfulness in the matters to be brought forward.—J. G.

Inquirer" (Broad-street).—The value of metals exported in the year 1850 was-Iron and steel, 4,966,973l.; copper and brass, 1,201,301l.; lead, 287,337l.; tin us wrought, 141,57ll.; tin-plates, 711,649l.

wrought, 141,5714.; tin-plates, 711,6494.

G. G. "(Lincoln).—We understand it is the intention of the company to raise fresh capital, though by what means we are unable to state. According to the Deed of Settlement, they cannot increase the value of the present shares, and most probably they will be forced to make a fresh issue; in the present state of the money market, we do not apprehend, however, that this will meet with much success. Smelter "(Moorgate-street).—The coke employed at Chrossy is brought from St. Ettenne; it contains about 0.85 carbon, and is almost free from sulphur.

SARBACK MINK.—Sir: There must be an experience of the contraction of the contraction

"Smelter" (Moorgate-street).—The coke employed at Chessy is brought from St. Etnene; it contains about 0-35 carbon, and is almost free from sulphur. Anoareack Mine.—Sir: There must be an error in Capt. Matthew White's report, respecting the distance to drive to the cross-course; it cannot be more than about 30 fms.—James Barrart: 0ct.20.

"N. S." (Teigmmouth).—Proceedings have not yet commenced: so soon as the long vacation is terminated the case will be brought before the Court of Chancery.

Cast-Syrel Manyvacyuk.—Sir: It is precisely because the positions which a "Taker-Out" (who, true to his vocation, has taken something out of his own letter) endeavours to make me maintain, by "taking out" passages of my letter apart from the context, are "absurdities not needing refutation," that I suspected the sincerity in Mr. Heatin's cause which could at the same moment blow hot and cold, and take the "needless" trouble of undermining my advocacy. The possession of the alleged documents is no proof of their having been acted on. Such a defence of sincerity might have been made by Mr. Lawin himself, who, indeed, I see every reuson to look upon as my present antagonist.—Davin Memer: 0ct. 2s. [Errota.—In my last letter on the Port Philip Mining Company, for "quite savage" read "quite satisfied!" for "several elements" read "fevered elements" in the last jaragraph, for "statisties" read "italies."

GRAND Denny of Baden Mines.—The enquiries of Mr. H. Johns, last week, on the state of the Baden Company, have a chance of meeting an answer on Monday next, when a meeting will take place at Mr. Bantield's offices, H, Bucklersbury.

"G. T." (Bedruth).—The mine was the Killew ris; when the shares were first is such by the surface of the state to the server determines of the second of the state to the server determines."

a meeting will take place at all. Salments others, 11, blocalersoury.

(Redruth).—The mine was the Killewers; when the shares were first issued callsed a premium of id. per share.

(2) (Baker-street).—The highest price the Alten shares have been at was s.; at that period 90, was paid upon them; they have since been so low that tere not marketable at 30s.

they were not marketable at 30°.

F. H." (Walbrook).—The quantity of gold collected by Government at the Ballin-valley stream, at freighan Kinshela, was 94 ounces, of the value of 3675/. Of the quantity obtained by the peasantry in the first instance nothing is known; but from the priority of their operations on the richest part of the deposit, and the number of persons engaged in the search, it must have been considerable.

is,—I beg to inform you my father is in Lancashire and Cumberland, from thence he proceeds through Devon and Curnwall, inspecting mines. I have no doubt but he will reply to the letter of John William Edwards, in last week's Journal, on his return.—Adolerus Esson: Wiceliscombe, Sumerset, Oct. 18.

C. A." (Exeter).—Our correspondent will find a full report of the Tamar Consola Mining Company in our Journal of the 8th inst., in which the financial statement is fully set out. We, of course, can give no further information than the report discloses. The meeting terminated very satisfactorily.

Mission Reports.—The advertisement duty being removed, we shall in future append the names to all reports which may be forwarded to us. It will, therefore, rest with the parties concerned to authenticate their statements, for the satisfaction of those for whom they are intended.

THE MINING JOURNAL Railway and Commercial Gagette.

LONDON, OCTOBER 22, 1853.

In the remarks by which we called public attention in our last Journal to the intended legislation by which it is proposed to confer on the constituencies of joint-stock associations greater control over their directors, we stated that the subject was a very extended one, and ought to be approached with circumspection and caution. Such a measure will necessarily involve ordinary co-partnerships, joint-stock companies incorporated by statute or by charter, registered joint-stock associations, gas, inrated by statute or by charter, registered joint-stock associations, gas, insurance, banking, steam, and shipping companies, mining companies, as well domestic as foreign, formed on the Cost-book Principle, building, loan, and other societies. We ventured to make some suggestions applicable to that class of companies most peculiarly within our department; these will probably be found suited to any general system of codification, for we believe it will be found difficult, if not impossible, to separate any peculiar class from the regulations of National Legislation.

It is not the province of Parliament to divert indistry or capital into any particular channel; the selection of sources of employment for the one, and of profit for the other, belongs to the public; all that can be fairly required from those in authority is the fair protection of both. The common law was early found insufficient to regulate the investment and disposition of those large masses of capital which we have in our times seen at the disposal of private speculation; accordingly Parliament has been called on year after year to pass multitudinous private Acts, su-

times seen at the disposal of private speculation; accordingly Parliament has been called on year after year to pass multitudinous private Acts, superseding the ancient laws, limiting liability, authorising the enforcement of calls, the forfeiture of shares, protecting companies from dissolution by individual deaths or bankrupteies, regulating the powers of directors, and, in many instances, the control of shareholders over them. How few, however, of the numberless parties whose monies are invested in the several companies embodied under private Acts, have ever looked through the piles of printing to which they owe their existence, until, as has been well observed, "the country has been gradually covered with a host of privileged bodies, governed by as many special codes of law." Parliament has, however, wisely relieved the public from the necessity of enquiring into, or becoming acquainted with, the peculiarities of every special act, by embodying in a series of general Acts every power that is essential for their protection. We have thus the Railway Clauses Consolidation Act, the Land Clauses Consolidation Act, the Water Companies' Clauses Consolidation Act, distinctly defining the powers and privileges which all such companies have against the public, and to which the public need only refer in order to assertain and enforce their powers and privileges against them. We, therefore, with confidence propose the conception and framing of a measure on the same principle, to be termed, "The Joint Stock Companies' Clauses Consolidation Act, which, while, while and privileges against them. We, increme, while training the conception and framing of a measure on the same principle, to be termed, "The Joint-Stock Companies' Clauses Consolidation Act," which, while it will define and regulate the rights and liabilities of shareholders to the public, will, at the same time, provide for the protection of shareholders as against each other. It would be a subject of curious investigation for paints each other. It would be a subject of curious investigation for the Royal Commission appointed to enquire into the law of joint-stock companies, to ascertain the sums of money which private Acts have cost the country for the last twenty years, the amount would probably hereafter astound posterity; but it has been recently stated, that the mere fees of office for a recent charter for a metropolitan association amounted to 724. Could legislation be more usefully employed than in limiting such expense, and circumscribing within reasonable limits charges which are now to many useful institutions absolutely prohibitory?

The joint-stock companies that have given rise to the greatest and most expensive amount of legislation have been railway companies, by no means the most profitable associations, in respect of their sharcholders. The companies, on the other hand, which, as between their sharcholders, that is, as between themselves, have been least involved in litigation, have been insurance companies, who have been, generally speaking, the most prosperous of all such associations. This has been accounted for on the principle that insurance companies have been peculiarly precise in regulating by deeds the arrangements between their own proprietors, and in defining in writing their contracts with the public. Railway companies

have, on the other hand, being the most lax in ascertaining their liabilities, and, perhaps, unavoidably, the most unfortunate in escaping from them. The directorates of railway companies have also been the most ambitious and arbitrary, sometimes devoting the funds entrusted to their care to the gratification of speculative and losing oppositions, often without consulting their constituencies. Parliament, in dealing with the general subject, will, of course, ascertain the system, and the regulations which have worked best, and if it shall appear to their satisfaction that insurance companies have thriven under any peculiar rules, we see no reason why such of them as are valuable should not be embodied in such general law as shall be pussed for the government of joint-stock associations.

rance companies have thriven under any peculiar rules, we see no reason why such of them as are valuable should not be embodied in such general law as shall be passed for the government of joint-stock associations.

We have in former numbers entered very fully into the propriety of limiting liabilities in companies of this description, and explained the varied advantages of the Cost-book System. The general principles of that system we wish to see confirmed and extended, and those who confide in it, and associate together under its protection, indemnified from the neglects, frauds, and misdeeds of managers. As that system is the only one existing in this country which, irrespective of chartered or incorporated companies, limits the responsibility of those involved, we wish to see its general principles extended and legalised, instead of being interfered with or restricted by legislation. These companies, in their present simple formation, meet and displace every objection that can be started to general joint-stock associations. So far from deterring, they induce persons of considerable wealth to become partners, from the conciousness that they do not thereby render themselves responsible to the whole extent of their properties; they do not encourage a reckless system, because their management does not possess the power of pledging the credit of the company, or of obtaining large advances on the faith of an unlimited liability, and they invite into legitimate trade that large class of the community who are willing to risk a portion, but afraid to venture all that they possess in it. Call it by whatsoever name you please, if ever there was a system which deserved legislative encouragement and protection, it is this; and to that encouragement and protection are our suggestions and efforts mainly directed.

By legalising and adapting the Cost-book Principle, we create establishmainly directed.

and efforts mainly directed.

By legalising and adapting the Cost-book Principle, we create establishments in which the savings of the middle and humbler classes may be safely and profitably invested in many local adventures. A system that sanctions the embarking of small sums in trading concerns, on the fair prospect of receiving a proportionate share of profit, would be availed of in many ways within peculiar localities, as well for the gain of individuals, as the advancement of friends and relatives, if the public once saw short and simple enactments for its promotion and protection. In order, however, to induce parties to invest their money freely in such associations, the law must be very emphatic in restricting and defining the duties of those to whom the management is to be confided, for the acts of interested and irresponsible directors are too constantly pointed at as evidence of mismanagement and ineffectual control.

The defective state of the laws of partnership in England prevents

dence of mismanagement and ineffectual control.

The defective state of the laws of partnership in England prevents many rich men from assisting a poor inventor, and from advancing, when desirous themselves of retiring, young men who have conducted themselves well in their establishments, from a well-grounded apprehension that any assistance which they might render to either might have the effect of involving all they possessed in the world. Men, with the best intentions of advancing friends, relatives, and dependents, naturally shrink from such a responsibility.

intentions of advancing friends, relatives, and dependents, naturally sbrink from such a responsibility.

By carefully collating the mutiplied evils which have hitherto attended the working of our complicated but imperfect laws, those to whom the preparation of the proposed measure shall be confided can avoid the defects which are so generally felt, and which are recorded in the evidence taken before successive parliamentary committees. Our object is to reduce legislation to the simplest possible form, to have embodied in it a series of rules, distinctly defining the relative rights, liabilities, and duties, of every separate class, of the company itself, of its shareholders, directors, and officers, to the public, and to themselves; and above all, introducing uniformity, so that a shareholder, in many such companies, acquainted with the regulations of one, may rest satisfied that all the rest of the same class in which he is interested are guided and governed by the same principles. This code of management, embracing every point and every subject, we propose to combine in one law, to be termed, and known to the public as the "Joint-Stock Companies" Consolidation Clauses Act;" a measure which, if judiciously framed, will, we venture to predict, be one of the greatest legislative blessings which can be conferred on the mercantile community. mercantile community.

It is at all times a gratifying task to record successful mining adventure, perhaps more particularly so after long periods of unrewarded enterprise and anxious suspense. We have repeatedly had occasion to remark on the enormous amount of British capital which has been totally wrecked and lost on the rocks of foreign mining speculation, in too many instances through the cupidity of needy adventurers, promoting undertakings not based on a sound legitimate foundation; and in others, from the capitalist,

based on a sound legitimate foundation; and in others, from the capitains, too eager for an enormous and visionary return on his investment, passing by the unexplored and certain mineral wealth of his own country, and rushing into insecure and dangerous speculations in a distant land. It is, however, interesting to trace the progress of such as have been established on a sound basis, and their affairs conducted with prudence and integrity; and among the numerous companies projected within the last 30 years for the working of gold deposits in South America, we would now proceed to notice the IMPERIAL BRAZILIAN MINING ASSOCIATION, formed years for the working of gold deposits in South America, we would now proceed to notice the IMPERIAL BRAZILIAN MINING ASSOCIATION, formed in 1825, under the most influential patronage and flattering prospects, for working gold mines in the province of Minas Geraes, in Brazil. This company's operations commenced with purchasing the large and valuable estate of Gongo Soco, which in 15 years produced nett nearly a million sterling, of which 335,000! were paid in dividends to the proprietors, and a duty of 25 per cent. to the Brazilian Government. Since 1840 the duty has been 10 per cent, and since 1850 5 per cent. The mine, however, has been less productive, and during some years has not paid for the cost of working it; but throughout its various phases its shareholders, borne up by hope and energy, have exercised much praiseworthy patience, and well-merited confidence in their direction, has enabled them to persevere in improving the productive capabilities of the property. From the tenour of recent reports, and particularly the last (which will be found in another column), it will be found that the produce is increasing, and it is to be hoped, under the present experienced and judicious management, both here and in the Brazils, the association will again enjoy the reward of some approach to that satisfactory produce which marked its early days. It will be interesting to refer back to some of the earliest reports of the directors to the proprietors at their half-yearly meetings; and in the third of these, presented on the 12th of October, 1827, we find them saying—"It is with much satisfaction the directors meet the shareholders on the present occasion: having undertaken what they justly considered a fair adventure, they have steadily pursued that course which appeared to them best calculated to attain the object of the shareholders. They knew it required time and arrangement to establish the concern, and to bring it into a state of productive return; it may, therefore, he readily imagined what a gratification it

knew it required time and arrangement to establish the concern, and to bring it into a state of productive return; it may, therefore, be readily imagined what a gratification it is to them to witness the arrival of that epoch when the fruits of their anxious endeavours are beginning to be reaped by the proprietors, whose confidence and good opinion they have ever been so desirous to obtain." The returns of gold, as reported at this ever been so desirous to obtain. 130 results 1 goals and a dividend was declared of 30s. per 20t. share; or 7½ per cent., with authority to the directors to increase it to 3t, per share, or 15 per cent., the mines of the mines authority to the directors to increase it to 3t. per share, or 15 per cent., as soon as the remittance of the balance of gold extracted from the mines to the 30th June arrived from Rio de Janiero, which was daily expected. Our space will not allow us to go through the details of the history of the association for the past quarter of a century; suffice it to say, it has been

association for the past quarter of a century; suffice it to say, it has been prosecuted with various success, experiencing at some periods the most exciting prosperity, at others the most depreasing absence of it, the latter position having been unfortunately, for many years past, in the accounts recently received arc, it will be seen, of a much more satisfactory nature than for a very considerable period previous; the stuff from the mine for one month's stamping produced upwards of 31½ lbs. of gold, a larger return than has been made since 1846. Great progress has been made in opening out the Camera lode, described as very large and promising, from which great returns are anticipated when the new and improved stamping and amalgamating machinery now in progress is completed. Rich samples of gold had also been taken from the Antonio Pereira vein, and much surprise is expressed that workings are not commenced upon and much surprise is expressed that workings are not commenced upon it, tradition speaking of its great riches, and many of the wealthy inhabitants being ready to join in the formation of a company for its development. The whole field of Gongo Soco-has hitherto been but imperfectly in explored, and from which great discoveries are anticipated. The recent discoveries cannot be otherwise than most encouraging to the shareholders,

as well as to the new management. Mining conferences are held weekly by the several captains in the presence of the Chief Commissioner, Mr. Oxenyoro, jun., which shows the existence of mutual confidence, and a desire to profit by each others experience, and jointly advance the interests of the association. Looking at the vast extent of the property, the well-known auriferous nature of the strata, and the traditionary accounts of the former wealth obtained from the district, we shall scarcely yet be surprised. t discoveries, productive of highly beneficial results.

Having in the last Number of the MINING JOURNAL given a general summary of Mr. MATHER'S excellent pamphlet on The Coal Mines, their Dangers, and Means of Safety; we now proceed to notice more particularly those chapters treating on Ventilation—a branch of his subject to which the author has devoted a large portion of his pages, and the importance of which is now generally understood and acknowledged. In detailing the author's views, we would premise that we do not identify ourselves with any particular principle: much discussion on the value and superiority of the furnace, the steam-jot, fans, blowers, air-pipes, &c., and much original information on these several methods, between and from practical men, have at intervals appeared in our columns; and we now simply record those of the author, as emanating from actual observation, an anxious desire to improve the condition of the working collier, combined with much practical experience.

It is first very properly assumed that ventilation is the chief means of safety, and the only means of health in mines; that natural ventilation

It is first very properly assumed that ventilation is the chief means of safety, and the only means of health in mines; that natural ventilation is a most dangerous process to be depended on, uncertain, without power, and depending on the winds of Heaven, and the temperature of the atmosphere. Mechanical ventilation is much practised in Belgium, by fans, pneumatic-wheels, piston machines, spirals, screws, and aerometers. Furnace ventilation has been in use in some of the best mines of England, France, and Belgium for neatly a contury, the principle is suppose a pit. nace ventilation has been in use in some of the best mines of England, France, and Belgium for nearly a century: the principle is, suppose a pit of 600 ft. deep, if the thermometer in the atmosphere and shaft is at 60°, by placing a fire or furnace at the bottom of the pit and raising the temperature of the air to 120°, it will make a difference of weight or pressure of nearly 5 lbs. on the square foot, and if the pit is 8 feet in diameter it will reduce the weight of the whole air upwards of 250 lbs. If there be another pit of the temperature of 60°, its air will immediately press with a weight of 250 lbs. on the furnace pit air, which being heated as it presents itself in its turn, will give a perpetual stream of ventilation through the passages of the mine that communicate between the two pits, the apeast and downess. A rate has been obtained of nearly 17 miles per hour. The steam-jet ventilation is by high-pressure steam, at a velocity greater than that of sound, projected against the entire column of air in the shaft. It has produced in the upcast shaft of one mine a current at the rate of 23 miles an hour. As this mode of ventilation is less understood than that by other processes, as it has been applied to the arts, to chimneys of

The steam-jet ventilation is by high-pressure steam, at a velocity greater than that of sound, projected against the entire column of air in the shaft. It has produced in the upcast shaft of one mine a current at the rate of 23 miles an hour. As this mode of ventilation is less understood than that by other processes, as it has been applied to the arts, to chimneys of locomotives, steam-vessels, and manufactories for fire-draught, as serious errors have been committed in attempts practically to employ it, and as it has become not only a mining, but a parliamentary question, the author enters fully into its examination. It has become a question of deep interest to mines; the Northern Institute of Mining Engineers have been busy with it for months; another committee of the House of Commons investigated it in the last session, and will renew their labours in the next. Evidence has been adduced of its effective working for four years. The author personally investigated its effects at Seaton Delaval, South Hetton, St. Hilds, and the factories on the Tyne, where it is employed. The results are then given in a series of tabular matter, showing the total quantity of air going into the workings at Seaton Delaval by the furnaces 37,240 cubit feet, and after the jets were at work, with the same amount of furnace area, 70,510 ft., an increase in favour of the jets of 33,270 ft., or 89 per cent. The interior workings were entirely free from gas: Mr. MATHER went along the return drifts to the great western goal 800 yards from the shaft, extending over 600 acres. In the return, on the south found the shaft, extending over 600 acres. In the return, on the south edge of the goaf, one of the lamps was uncovered, and the naked light was taken into the goaf; there was a pressure of air, and no gas showed listlif. There is not another pit so ventilated as to permit with impunity an act like this. The extent of its passages is 48 miles, containing 9,220,000 cubic feet of air, weighing 312 tons. The quantities of air at Seaton Delava

llion

borne e, and

the te-und in ad it is

reward ly days. s of the he third

s on the

e readily all of that all of that hing to be they have ted at this ts. 7½ grs., eent., with per cent., the mines

y expected. story of the it has been ds the most t, the latter

ascendant.

more satis-

ne stuff from
lbs. of gold,
ess has been
and promisnd improved
s completed.
Pereira vein,

Pereira vcin, menced upon althy inhabi-

t imperfectly
The recent shareholders,

quite the reverse."

At Morton and South Hetton Collieries, Mr. MATHER, in company with Mr. Forster, and his usually able staff, tried several experiments with and without the steam-jet, the result being an increase of 37 per cent, in favour of the steam-jet, although in a disadvantageous position, being placed obliquely, and thus obstructing the free action of the steam by projecting against the shaft.

At St. Hilda's Pit, South Shields, the most striking results have been shown by the use of the steam-jets which have lately been successfully completed. They have cleared out the pit when no other power, without desperate risk and enormous cost, could have done it. The depth of the shaft is \$50 ft., with 75 miles of passages, containing 14,500,000 cub. ft. of air; the mine was so foul that no naked light was allowed to approach the shaft. On the 31st of Dec., 1852, as a man was carrying a shovel of burning coals upwards of 20 feet from the pit's mouth at surface, the gas air; the mine was so foul that no naked light was allowed to approach the shaft. On the 31st of Dec., 1852, as a man was carrying a shovel of burning coals upwards of 20 feet from the pit's mouth at surface, the gas caught fire, and formed an enormous blaze 40 feet high, covering an area 98 ft. square; it raged for hours, burning all withing its reach. Had it descended into the mine, and exploded the 14,000,000 ft. of gas, it would have shook South Shields as if by an earthquake. Since then the pit was a waste, and a connection made between Harton Pit and St. Hilda's enabled the gas to escape into the former, which more than once threatened to blast at the furnace there. The Harton pump-engine, about 260 horses, can scarcely do more than its own work, so that no wat-rfall for ventilation could be used in either pit, without drowning out the workings, and doing irremediable damage. The furnace could not be lighted, for it would have exploded and laid waste the whole mine; the enemy was in possession; nothing but the jets in this grave dilemma could save the mine. Mr. Wood, the Hetton experimentor, is one of the chief proprietors, and lent the jet apparatus from Tyne Main, another of his mines. They were receited at surface on the 14th of May, and with 20 jets in a few days they were able to penetrate about 2000 yards in the mine. Afterwards four more were added, when by the 20th of June they were nearly as far as the utmost bounds of St. Hilda, within two pillars of the extensive eastern workings. On the 21st the mine was clear, no gas showing itself at the

top of the upeast. This valuable property has thus been placed under command and in safety by the steam-jet, when no other power could be brought to bear during an interval of several months. Thus did the jets at St. Hilda controvert the jets at Hetton, by saving the mine of the Hetton experimentor, as did this experimentor his own opinion, by employing them to save his mine. The increase over former furnace power was and by enfortune days.

them to save his mine. The increase over former furnace power was quite 50 per cent.

The author calls attention to the experiments of the above-named Mr. Wood, one of the leading viewers of the North, made at Hetton previous to the successful one at Hilda; and while he gives this gentleman the fullest credit for his laborious application in the experiments which he has made, and is rejoiced at the interest displayed in the subject, he considers it can be shown that expers have been compitted in the application of the ict. and is reposed at the interest displayed in the subject, he considers it can be shown that errors have been committed in the application of the jet that will vitiate, if not entirely destroy, the conclusions at which he arrived. The author then carefully investigates every part of the report, and shows that the conclusions arrived at were erroneous. His observations, founded on truth, are made in the most courteous manner, trusting they will be similarly received, the object on all sides being the security and interests of the miners and the mines.

The recent catastrophe on the Southern and Western Railway, near Dublin, seems to have aroused public attention, and to have excited general alarm, more than any of the terrible casualties which have of late years been unfortunately so frequent. There was nothing peculiar in the circumstances attending it, nor in the causes from which it originated; on the contrary, a passenger train breaking down from defective machinery, and being followed too suddenly by a luggage train, is a case, we fear, of every-day occurrence. Accidents have been singularly rare on the Irish railways—fatal ones altogether unknown; exemptions, to some extent attributable, perhaps, to greater care, but, we believe, more correctly, to the limited number of luggage trains on the Irish railways, as compared with this country. The fact, however, of so very appalling a calamity occurring in Ireland, where, from the restricted state of traffic, it was least to be expected, has had the effect of increasing our apprehensions in England, where the dangers of similar misfortunes are so much greater. We set but little value upon the deliberations of coroner's juries, and shall, therefore, dismiss from our consideration the very desultory irregular, and unsatisfactory, examinations with which the public journals have been crowded, and confine ourselves, in our observations, to the broad facts of the case, and to the best means of preventing for the future a similar scene of carnage. recent catastrophe on the Southern and Western Railway, near

a similar scene of carnage.

It seems generally admitted that the Southern and Western Railway, and the arrangements of its company, are admirably conducted; and certainly the accidental breaking of one of the pistons of its engine, which caused the express train on the evening of the fatal accident to stand still, was an occurrence against which human foresight could not provide, or the best precautions prevent. It would appear, that to the express train a danger signal, or red light, was attached, but the lamp seems not to have been lighted or visible; and this was at first justified, on the ground that as the express train was due in Dublin at 6 o'clock, r.m., there was then sufficient daylight to render the lamp unnocessary. It would also appear that the guard of that train was furnished with explosive signals, and that it was his duty, when his train was unable to move forward, to have returned down the line, at least for a certain distance, and to have laid them on the rails, in order that an approaching train in passing over them might explode them, and be thus apprised that danger was impending. These signals do not appear to have been used, and the guard seems not to have taken any step to warn those who were following his train of his perilous position, save that of taking a small lamp down the line, which presented to the moving train a red light, and to the stationary one a white light, and waving it. These appear to be the only precautionary means with which the express train was supplied, and they would seem to be those usually employed. Although, perhaps, useful as auxiliaries, we should not be disposed to place much reliance either on the waving of a small lamp, or on a danger signal; as the weather, in this instance, was hazy, it is possible, perhaps probable, that the first was never seen, and we easily imagine that damp, or accidental circumstances, may interfere to prevent the others from exploding; and even their explosion may be unobserved or mistaken in the necessary noise attending the q a similar scene of carnage.

It seems generally admitted that the Southern and Western Railway, to prevent the others from exploding; and even their explosion may be unobserved or mistaken in the necessary noise attending the quick motion of the train and engine. We can see no reason whatever why there should not be, as a fixed and general rule, a large lamp at the end of every train; it would be attended with little expense to keep it constantly lighted; showing a red light, it would be visible even on a dark day; and in a case like the present, where night closed in before the train could reach its destination, it would, of course, be invaluable. To some of the continental railway trains is attached a bell, emitting a peculiar sound, and heard at a great distance; and although that distance must vary according to the railway trains is attached a bell, emitting a peculiar sound, and heard at a great distance; and although that distance must vary according to the variations of wind and weather, it may, perhaps, be worthy of consideration whether so simple and inexpensive a precaution, which any person may render available, ought to be altogether overlooked. Bells are every day used with effect in artificial harbours and at lighthouses to warn off steamers in foggy weather; and as in cases of such serious moment as apprehended collisions of railway trains even the simplest precaution ought not to be neglected, we would suggest that enquiries should be made as to the value and results of the bells in use abroad, and that experiments should be instituted in order to ascertain accurately at what distance, under eyery variety of circumstances, bells can be distinctly heard on a railway.

distance, under each heard on a railway.

We now come to consider the means which those entrusted with the conduct and management of the luggage train in this instance possessed, enabling them to avoid this collision. This involves several serious quesconsibility that the recent serious quesconsibility that the recent serious quescons the conduct of enabling them to avoid this collision. This involves several serious questions, and if we arrive at the conclusion that these means were insufficient, it will be our duty to select from the precautions which have been suggested to the public those which we consider most worthy of attention. We believe that we are justified in assuming that legislative provisions are contemplated on the subject, and the great object ought to be to render those provisions a perfect as possible. We quite concur in the opinion which very generally prevails, that the engine-driven is sufficiently engaged in the management of his engine, in watching his fires, his steam, his boiler, his wheels, his valves, his guages, and his other machinery, and in keeping time. All competent judges seem to agree that it is neither wise nor just to impose upon the engine-driver, whose eyes are at one moment dazzled with the glare of his fire, at another enveloped in an atmosphere of steam, smoke, and cinders, and at another exposed to the keen cutting of a bleak wind, rendered more than usually severe from the speed with which he passes through it, the nervous task of also keeping a look-out. In steam-vessels, the men in charge of the engines are ing a look-out. In steam-vessels, the mon in charge of the engines are considered to have ample employment in minding the engines, and are required to attend to nothing else, the duty of looking a head being conrequired to attend to nothing else, the duty of looking a head oeing confided to a distinct and trusty person; and we hope the day is not far distant when it will be imperative on railway companies to attach to every train a conductor, so placed that he can completely look a head, provided with one of the most improved glasses, and having under his control not only the engine-driver, but the most efficient means that can be devised

only the engine-driver, but the most efficient means that can be devised of checking and breaking the speed.

The distance within which it was competent for the engine-driver of the luggage train in this case to have pulled up has been the subject of much discussion, and of experimental enquiry, and we conceive that the results have not tended to improve our notions of safety, although the experiments were deliberately conducted under the immediate superintendence of Mr. Millan, the chief engineer of the company. In order intendence of Mr. Millant, the cauer engineer of the company. In order to procure a train of the same weight as the luggage train in question, 16 waggons were attached to two first-class and one second-class carriage, with the same break van which was in use on the evening of the accident. The weight of the carriages was 145 tons 12 cwts. 3 qrs., of the engine 22 tons, and of the tender 10, making a gross weight of 177 tons. It was first tried at a speed of 20 miles an hour, and although with every convenience prepared and at command, and the state of the rails favourable, the avenue weight of the trail was purfectly venience prepared and at command, and the state of the rails favourable, the arangements do not seem to have been perfect; the train was perfectly stopped in a distance of 915 yards, being 35 yards over half a mile. The second experiment was made at a speed of 25 miles an hour, and the train stopped in 637 yards; and a third, at a speed of 32 miles an hour, and the train stopped at 804 yards. Even in the best arranged experiments, got up for the purpose, the differences in the times required satisfy us that it is impossible to calculate with certainty as to the exact period within which a train, in ordinary motion, can, without previous preparation be completely stopped. There were also very conflicting opinions as to the distances at which lights were clearly visible, the distances being dependent on the state of the weather, curves in the road, and the intervention of bridges. It appeared, also, that the break while in motion only locked two wheels out of four of the break van, so that the public, even on the best regulated railways, are at the mercy of a variety of cir-

It has been suggested that an improved system of breaks is practicable, by which not only all the wheels in a break van, but in every carriage in a train, and even of the engine itself, can be speedily and effectually locked. If this be the case, it will be the duty of the Legislature to satisfy the public mind on the practicability of such protection, and by enforcing its observance, almost entirely remove the risk of future danger.

An admirable arrangement adopted on the Dover line has been strongly ture danger. An admirable arrangement adopted on the Dover line has been strongly

An admirable arrangement adopted on the Dover line has been strongly put forward—namely, that of obliging the station-master to telegraph the arrival of every train at his station to the last from which it came, and making it incumbent on the station-master of that station not to start another train until apprised of the arrival of the former. This system would, of course, afford very considerable protection, but it would require a person acquainted with the working of the electric telegraph at every station, it would be necessarily liable to miscarriages and mistakes, and as express trains do not stop at as many stations as ordinary ones, it may possibly, in many instances, cause confusion, and even derangements of time. We have now reviewed all the numerous suggestions which appear to us to be entitled to weight, and, we think, exhausted the subject. There is none of more importance—none in which the safety and sympathies of

is none of more importance—none in which the subject. There is none of more importance—none in which the safety and sympathies of the public are more vitally concerned. It, also, very materially affects the interests of the proprietory of every railway company, and is daily becoming more serious to them; as the effect and operation of Lord Campbell's bill, is to create them great insurers against the destruction of lives, for the benefit of the families of those who have been sufferers by, or the victims of, their default.

A stereotyped verdict of manslaughter, by a coroner's jury, against an A stereotyped verdict of manslaughter, by a coroner's jury, against an ill-fated engine driver or stoker, will not satisfy the claims or requirements of the public; neither do we think that railway companies ought to be the framers of their own rules. Our measures would be remedial: we should propose that the several railway accidents which have startled and alarmed the public mind for years past, should be carefully examined and collated, and the causes of each investigated and ascertained. That from the results of such enquiry should be carefully and deliberately framed a series of general regulations, to be submitted for approval to the Government authorities and the judges. We should then recommend that these rules for the guidance of the public, and the government of companies, their officials and servants, should be either embodied in an Act of Parliament, or should have the force of one conferred upon them; that they should be printed, and also posted conspicuously at every station, so that every person in the community may be acquainted with them, and be thus enabled to judge whether they have been observed or violated.

tion, so that every person in the community may be acquainted with them, and be thus enabled to judge whether they have been observed or violated.

The expedition which left our shores early in the spring to examine the mineral deposits in Greenland, discovered by M. Lundt, have returned, bringing with them 16 tons of copper ore, together with a number of specimens of silver-lead, &c.—all indicating great metalliferous wealth. It may be remembered that, some two years since, when the discoverer was in this country, we gave our opinion of the value of the specimens which he had brought from Greenland; at the same time we mentioned that, though the indications were very promising, yet, owing to climateric influences, and ther causes, we much doubted whether mining could be profitably pursued in the Arctic regions. Experience has shown us that in most countries which have been explored the lodes do not exist regularly, but that the ore is generally found in squats or bunches—they being very irregular, rich one day, and cut out the next; and this feature is predominant over nearly all the northern portion of the Scandinavian peninsula—the only two mines of any note, or steadiness, being those of Alten and Quænangen; while it is well known the whole of Norwegian and Swedish-Lapland is interspersed with mineral indications. Coal, highly bituminous, as well as lead, copper, and plumbago of the first quality, has been found at Spitzbergen; but the climate is so severe that, during the winter, which there extends over ten months, it is impossible for those who may be there to leave the shelter of their huts for several days. The climate of Greenland is not so inhospitable. The summer there is about three weeks or a month of open weather; but it must be borne in unind that, although mining operations may be carried on with greater advantages, as levels can be driven into the mountains, so as to intersect the lodes without the necessity of sinking or forking the water, which here as in mines similarly situated would find spot where none of these advantages existed. The per centage of the ores may be great, and the lodes well-defined; but to develope these not only is capital required for that purpose, but likewise to found a colony, and then support it. No one will go there unless at a high rate of wages. When all these circumstances are dispassionately considered, some idea may be formed of the cost and profits to be derived from mining in Greenland.

The marked and rapid advance which Ireland has recently been making in the social scale, and the increasing comforts which have been secured to large portions of her peasant population, too long sunk in abject poverty, degradation, and vice, must be highly gratifying to every philanthropic mind. This state of things, so highly satisfactory as compared with the position of the country but so brief a period since, has principally arisen from the working of the Sale of Encumbered Estates Act, which, by giving a clear and legal title to all lanks nuch-seed of the Convois

with the position of the country but so brief a period since, has principally arisen from the working of the Sale of Encumbered Estates Act, which, by giving a clear and legal title to all lands purchased of the Commissioners, previously scarce possible of attainment, has engendered confidence, caused the influx of capital, and the development of much of Ireland's mineral wealth—a staple national resource which will one day, not, we believe, far distant, place this fair island of the west in an important position among the mineral producing countries of the world.

Among the several mining adventures which have been brought into operation in Irish ground within the last few years, we would call attention to the Creevella Iron, Coal, Coke, and Peat-Charcoal Company, noticed by us in the Mining Juurnal of 13th Sept., 1851, about which period the company was formed, with a capital of 30,000l., in 1l. paid up shares, considered ample for the purchase and full development of the mines. The trustees were gentlemen of the highest respectability, two of the five being lessors of the property; and it is gratifying to find, that although, as must always be expected in the establishment of extensive iron and smelting works in a new and almost semi-barbarous locality, many difficulties and delays have been mat with, they have been happily surmounted. The furnaces are expected to be in blast in a few days, and the property, which extends over an area of upwards of 3000 acres, and is highly spoken of by Sir Robert Kane in his Industrial Resources of Ireland, is being rapidly developed; being situate in the rich mineral district of the upper Shannon and Lough Allen, and in the immediate neighbourhood of the Slieve Neeran, or Arigna Iron Mountain, so famous for its clay iron to the property, here is every hore and indeed reposition. Is highly aposen of by Sir Robert RANK in the Industrial Resources of Iveland, is being rapidly developed; being situate in the rich mineral dis-trict of the upper Shannon and Lough Allen, and in the immediate neigh-bourhood of the Slieve Neeran, or Arigna Iron Mountain, so famous for

bournood of the Sheve Neerah, of Arigna from Mountain, so famous for its clay ironstone, there is every hope and, indeed, probability of a successful result.

We have received a communication on the subject of this company from Mr. Peter Buchax, dated Drumkerrin, County Leitrim, October 13, from which it appears this gentleman has been the manager of the Creevelea Company from the commencement, and that he was induced to communicate with us from reading with much cratification, the parent by Mr. which it appears this gentleman has been the manager of the Ureevelea Company from the commencement, and that he was induced to communicate with us from reading, with much gratification, the papers by Mr. J. Holdsworth, recently published in the Minne Journal. On the mineral districts of Ireland. In this he describes some of the difficulties which the company have had to encounter—the natives to a man were entirely ignorant of every department of labour in which they were to be employed, and the whole of the machinery and plant had to be imported from Scotland; yet the result has been that within several miles around many hundreds have been constantly employed on the works since their commencement, who are now, with their families, well fed, lodged, and clothed, a gratifying contrast to their former state of absolute destitution, and for which the majority appear highly grateful. As a still further encouragement to steadily pursue their labours, and to take advantage of the beneficial chances afforded them, it was recently resolved to give the whole of the miners, colliers, workmen, and labourers, with their wives and families, a treat in the shape of a procession, succeeded by a tea party, with sub-stantial catables, which was attended by many thousands of the inhabistantial catables, which was intended by many thousands of the imani-tants from considerable distances, to witness so novel a spectacle. In the procession were about 100 fine horses, and 60 donkeys, employed on the procession were about 100 nne norses, and 60 donkeys, employed on the works, ridden by their usual drivers; there was a goodly show of banners, symbolical of the various trades and occupations represented, and in the evening about 1000 persons of both sexes sat down to a hearty and social meal, and all enjoyed themselves with the greatest good humour, finishand we are assured that a more harmonious meeting er took place in Ireland or elsewhere.

This aftered state of circumstances in a province of Ireland which was once the bye word for all that is barbarous, ignorant, and criminal, marked once the bye word for all that is barbarous, ignorant, and criminal, marked by a continuation of agrarian outrages of the most revolting character, and the habits of the denizens of which were little removed above the brute creation, is highly cheering. One series of results we believe is certain, that by this introduction of employment on a large scale upon a staple national product the company, its managers, and agents, have tained a sound moral footing in the minds of the peasantry, who wil pidly be led to appreciate the comforts of regular and well-paid labou elevated in their own esteem; and the means placed at their command for the proper education of the rising generation will enable the population rapidly to emerge from the crude and unenviable state of their forefathers, and place them in a respectable position among the productive community.

Some invidious remarks have been made in a contemporary journal on the fact of Sir James Graham, in his official capacity as First Lord of the Admiralty, having taken upon himself the responsibility of abolishing the School of Mathematics and Naval Construction, at Portsmouth; and a rumour has been circulated that the advancement of Dr. Woolley, who, during the five years of its existence, was at its head, to another office, and Mr. Rawson, the head master of the school for shipwright apprentices, being transferred to the government of the Central School, had been originated, and carried out through the unjustifiable anxiety and interference of Mr. Fincham. As there is really no foundation whatever for the statement, which must have obtained currency through some unjustifiable jealousy, and as it is but doing justice to an enlightened, liberal, and worthy man, we cannot avoid an endeavour to set the latter gentleman right with the public, convinced that our remarks will be substantiated by all who are acquainted with the facts. Mr. FINCHAM has been charged with a discre-ditable opposition to the students of a school which he was himself the mair instrument in forming, and to promote the efficiency of which he has devote a considerable portion of his energies in a constant endeavour to render education available to the advancement of those who possessed it, whom he a considerable portion of his energies in a constant endeavour to render education available to the advancement of those who possessed it, whom he was ever ready to encourage with facilities for study, and to whom he often supplied books and drawings at his own expense. The assumption that he had exercised any influence with the Admiralty (presuming he had any in such matters, which is not the case), either privately or officially, to bring about the change effected, is equally unfounded. He was not practice, as exercised to expect the control of the change of the control of the change which is the not a party, secretly or overtly, directly or indirectly, to the change which has been made; he had no object, either personal or relative, to attain by it. Had he desired to advance the interest of Mr. Rawsox, a course would most probably have been taken to secure him pecuniary advancewould most proposely increase he has gained by the change is in his duties and responsibilities. The charge that the change which has taken place was originated by Mr. FINCHAM, and was a cherished scheme even before the foundation of the School, refutes itself; as that gentleman had never heard of Mr. Rawson till six months after the formation of the School, and only became acquainted with him by the circumstance of his appointment in the Dockyard. We are afraid that the boldness of this insinuation, which has so evidently the stamp of mere assumption on the face of it, evinces an animus in the statements put forth that tells very unfa

rably for the fair dealing of the writer.

t is a question not here to be decided whether it is expedient or inexpedient to entrust the mathematical education of young men in the Go-vernment service to persons who have not received university educations, but neither an university education nor a private one is of itself a gua-rantee for, whilst neither condition necessarily excludes, success. Profes-sorships have been filled with no unenviable distinction by mathematicians, who have been able to claim the merit of having first developed their own genius, as well as having afterwards directed it to the training of other minds:—as at the Military Academy at Woolwich we find SIMPSON, HUTTON, and BONNYCASTLE, filling the Professor's chair with much credit, and it is obvious that the highest range of genius is that which bursts through the obstacle of inferior birth, and rises to the view of the world in spite of the absence of those adventitious aids of education and association which are early at the command of the higher classes.

With respect to Mr. Rawson, if we are rightly informed, he is thoroughly exerving of, and competent to sustain, any advancement which he may eceive. He is one of Nature's nobles; and, like Prof. Hann, of King's receive. He is one of Nature's nobles; and, like Prof. Hann, of King's College, has, by a natural talent for mathematical research, raised himself from the labour of the colliery to his present high position in the field of scientific literature.

Amongst those sciences the rapid and extraordinary development of which has formed so remarkable a feature in the 19th century, geology has made gigantic strides, and may be considered as by no means behind other branches of philosophy in interest and correctness of deduction. At other branches of philosophy in interest and correctness of acquirence. At a time like the present, when extensive emigration from almost every locality in the Old World is rapidly peopling vast geographical areas in newly-discovered countries, and when mineral research forms so large a portion of employment, every publication tending to simplify the means of attaining knowledge connected with the earth's formation, and the poor attaining knowledge connected with the earth's formation, and the position and arrangement of its strata, is of the utmost public importance. Numerous as are our already published works on geology, both elementary and of a more advanced character, and highly valuable as many of them are for the deep research of their authors, and the lucid manner in which the details are laid before us, a field was still open for a work combining descriptive geology with the details of practical mining, and supplying a useful text book to the beginner in the study of mine engineering to the highest two conveyably deficiently educated youth intended for future the hitherto too generally deficiently educated youth intended for future employment in mining operations, and for the practical colliery viewer, under-viewer, and others similarly engaged.

under-viewer, and others similarly engaged.

We are glad to observe that this desideratum is about being supplied in the publication, by Messrs. M. and M. W. Lambert, of Newcastle, of A Practical Treatise on Mining Engineering, by Mr. G. C. Greenwell, colliery viewer. The substance of the work is an abstract of, and founded upon, a course of lectures delivered by the author at the Newcastle-upon-Tyne College of Practical Science during the summer of 1862, and will be published at intervals in about 15 parts, each containing 12 pages of letter-press, with four carefully coloured lithographic illustrations, and a variety of descriptive wood-cuts; and the first part, now before us, promises in com-pletion s work of great utility to the mining engineer, to the geological student, to all engaged in colliery and other mining operations, and every one conversant with, or interested in, the great and startling truths of geoone conversant with, or interested in, the great and startling truths of geological science. In his preface, the author informs us that this work originated from a conviction of the necessity which existed for some practical essay on mining generally, and of the advantages to be derived from the diffusion of practically scientific information, in no branch of industry more required than mining. He has, therefore, aimed at the production of a work alike instructive to the student, and referable to, with the best informative results, by the most practical professor, upon the first principles of those subjects with which they ought to be thoroughly conversant. The first number commences with remarks on the application of geology to mining, and a description of the various strata, commencing with alluvial deposits, and following the series downwards to the primitive formations. It is written in a familiar and explicit style, unnecessary tive formations. It is written in a familiar and explicit style, unnecessary technicalities are avoided, and, with the aid of the several diagrams, the various details are lucidly explained. The paper and type are unexceptionable, and the whole bids fair to produce a volume of great mining and geological interest and utility, and which will find a place on the library table of most connected with the advancement of these important studies. It is written in a familiar and explicit style, unnecessary

TELEGRAPHIC COMMUNICATION BETWEEN ENGLAND AND Telebraphic Communication retween England and America.—According to a communication in the New York Journal of Commerce, the formation of a company for a telegraph from New York to Liverpool is nearly completed. The route is to be via Nova Scotia, Newfoundland, and Galway, to Liverpool, the whole length about 2800 miles, at an entire cost of about 350,000?. Improved methods of constructing and laying submarine wires, discovered by an inventor in Massachusetts vill, it is alleged, greatly facilitate the undertaking, and the right of using them has been purchased on behalf of the company. These new methods, it is added, will enable the work to be accomplished within six months from its commencement, so that if it is believed, as intended, in the easuing spring the line will be in operation by this

THE BRITISH MINING STOCK EXCHANGE,

The motto of, perhaps, one of the greatest Englishmen who ever lived, nd one who in his day and generation achieved so much for his fellowcountrymen, was " Vestigia nulla retrosum" (Not one step backward) We may possibly justly apply this device to the proceedings and the endeavours of the nascent British Mining Stock Exchange, and call upon those few who have been selected from amongst the many to well observe and considerately pender John Hampben's ancestral metto. Now that as we trust, the institution which is looked to with so much anxiety, and from which so much is hoped, has been fairly inaugurated, we can earnestly reiterate the old Cornish legend—"One and All," and upon every one who has the welfare of our mineral wealth and met upon every one who has the welfare of our mineral wealth and metallic resources at heart to join strongly and firmly in a determined resolution, not only to establish, but to maintain, a British Mining Stock Exchange. For some years past it has been potent not only to the eyes and the senses, but to the pockets of every one engaged in mining speculation or investment, that a mart has been, and is, required for the due carrying out, legitimately, of transactions in mining shares; and now that, for the third time, there is a positive probability of the establishment of such a market, we feel it our duty to lend it every aid consistent with our position as journalists, and encourage and foster, so far as in us lies, the spirit which is evidently abroad, and if we can, bring about the result so ardently desired.

so ardently desired.

We are fully aware, both from personal observation and from actual experience, that the committee will have many difficulties to encounter, many prejudices to overcome, and that in fact, they have an "up-hill game" before them. They must not shrink from the performance of their delegated authority—they must not succumb to the requirements of the few or the elamours of the many. To them we and the mining public look confidently for a just performance of the labour they have undertaken, for a combination of strict impartiality, rigorous justice, honest endeavour, and upright intention. The aim they have in view will, we hope, not be personal aggrandisement, or private advantage—not "the taken, for a combination of strict impartiality, rigorous justice, honest endeavour, and upright intention. The aim they have in view will, we hope, not be personal aggrandisement, or private advantage—not "the bubble reputation," or a desire to exalt themselves above their confreres—but an anxious, honourable, genuine wish to place upon a legitimate footing British Mining, and instal, in a recognised and worthy position, all those parties who professionally deal in mining stock. To that end the rules and regulations of the body about to be consolidated must not only be "severely pure" but righteously carried out; not only must they be such as will satisfy the public, but also such as will "compelobedience" in those who come under their dominion; and whilst we accept as a guarantee of good faith the names of Firld, Thomas, Watson, King, and Oliver, we earnestly exhort them not to flinch from the work devolving on them, but steadily to persevere, firmly to march on, and vigorously follow out the plain broad track which lays before them.

The British Mining Market has, unfortunately, too long been looked upon as an Augean stable, perhaps justly so. It is open to question, but this we do not wish to discuss; we say, if it be so, great will be the credit and large the fame of those men who, by a union of integrity, wisdom, forethought, courage, and an utter abandonment of selfish purpose, shall succeed in not only establishing but consolidating "a better order and a wiser way" in the transactions of the mining market.

We shall be happy to assist in this good work; and whilst congratulating our readers upon that which not only looms in the future, but is at hand, we trust that before many weeks have passed we may have occasion to record in our columns the birth and growing strength of a British Mining Stock Exchange.

British Mining Stock Exchange.

THE IRON TRADE

ITS PRESENT CONDITION AND PROSPECTS.

The firmness of the iron market, notwithstanding the increased value of noney, and the unsettled state of our continental relations, is naturally engaging attention. It appears that production is, at least, stationary, if not reduced: that the stock of iron is diminished; and that the demand has greatly increased.

It is worthy of enquiry, whether this anomalous position of the iron trade is merely temporary, or is likely to be maintained. The present postrate is the rely temporary, or is likely to be maintained. The present position of the iron trade is anomalous; inasmuch as in all former periods of prosperity, it was pretty evident that, however large the existing demand, the supply would soon overtake that demand; and, in all probability, so far exceed it as to create a fresh period of depression, which could be relieved only by a still greater demand.

Any one who has watched the progress of manufactures in Great Britain during the last 30 years, and has observed the prodictions increase in the de-

during the last 30 years, and has observed the prodigious increase in the de mand for iron,—from half a million tons annually to two millions and a half,—must have been struck with the remarkable coincidences which have enabled the supply to meet the demand. Had it not been for the discovery of the carbonaceous iron ores in Scotland, and the introduction of hot-blast in smelting iron, the production in Great Britain would not have exceeded one-half of the present amount; and the recent discovery of the oolite iron ores in the midland counties of England appears singularly opportune for maintaining a supply of minerals adequate to the still

tis true, there is a temporary deficiency in the supply of coal; but no one who is conversant with the subject can doubt that the opening of new coal fields would, ere long, obviate that difficulty. Materials for iron making are found in this country in sufficient quantity to meet any conceivable demand that can arise

ceivable demand that can arise.

A novel impediment has, however, unexpectedly presented itself; and it is an obstacle by no means easy to be overcome. For the first time in our acquaintance with British manufactures, a scarcity of labour threatens seriously to interfere with the progress of production. This scarcity will, in a great measure, be counterbalanced in several of our staple manufactures. seriously to interfere with the progress of production. This searcity will, in a great measure, be counterbalanced in several of our staple manufactures—such as the woollen, silk, and cotton—by improved machinery and the more extensive employment of women and children; but these resources are not available in the manufacture of iron. The manual labour of strong men is, and will be, the chief instrument in that manufacture. Mining may be assisted by machinery; but it must be mainly dependent on the sinews of robust men; and it can never be carried on by women or children. Emigration has already taken away hundreds of miners, and thousands who might have become miners, if they had remained in England; and emigration will take away hundreds and thousands more. Under these circumstances, the probability is that, while the demand for British iron will continue to increase, the production will, for some time to come, remain nearly stationary, if it does not actually recode. The difficulty of procuring miners, and other workmen required in the manufacture of iron, will be an obstacle to the erection of new ironworks, however profitable the speculation may appear; and the same circumstance will interfere with the extension of iron-works now in operation, particularly those in the hands of prudent and calculating proprietors, who wisely consider that, by attempting to extend their works in spite of the scarcity of labour, they may so enhance the rate of wages as to lessen the aggregate amount of their profits.

sen the aggregate amount of their profits.

spite of the scarcity of labour, they may so enhance the rate of wages as to lessen the aggregate amount of their profits.

If these views are correct, either the export of iron, or the consumption at home, or both, must shortly receive a considerable check. The general prosperity in this country has undoubtedly given an impetus to the home consumption of iron, which is probably at least 10 per cent. greater now than it was two years ago. We have no means of accurately ascertaing the home consumption; but knowing the quantity of the iron made, and the quantity exported, we can very nearly approximate to the quantity required at home. The make of pig-iron in the years 1851 and 1852 may be put at 2,600,000 tons annually; and the present make does not materially vary. The exports in those two years were equivalent to rather more than half that quantity; so that, after making allowance for improvement in trade at home, it may be fairly estimated that 1,400,000 tons of pig-iron is now required for home consumption. The exports of iron having so increased in the present year as to leave little more than half the required quantity for home consumption next year, supposing the make and the export of iron both to remain at the present rate, is a fact which must soon press itself upon the attention of makers, consumers, and merchants. Judging from the past, and taking into account the extraordinary stimulus given by recent circumstances to foreign trade, the exports should be much larger in 1854 than in 1853. The quantity of iron exported in 1850 was equivalent to 1,100,000 tons of pig-iron; in 1851, 1,300,000 tons; and in 1852, 1,450,000 tons. In the first eight months of this year, the export is equivalent to 1,245,000 tons of pig-iron; in 1851, 1,300,000 tons; and in 1852, 1,450,000 tons. The first eight months of this year, the export is equivalent to 1,245,000 tons of pig-iron, which is at the rate of 1,870,000 tons per annum. This quantity, deducted from a total make of 2,600,000 tons per annum, would

leave only 730,000 tons for home consumption, which is about half the

estimated quantity required.

The following statement exhibits a detailed account of the exports of iron from the 1st of January to 31st of August in the present year:—

		100	clared valu	e. Equi	v. in pig-iron
Pig-ironTons	228,305	**** ******	-	Tons	228,305
Sar, bolt, and rod			-		632,192
Wire	6,395		distre	**********	9,592
			-	**********	40,518
					159,466
			-	**********	25,952
in-plates			£ 826,334		45,000
iteam-engines	come		305,857		20,000
					40,000
lardware and cutlery	-	010011011010			45,000
Making				Tons 1	246,025
					623,012
Total				1	,869,037
֡	sar, bolt, and rod Wire Last Wrought, sundry sorts steel Steal Steal Steal Machinery Lardware and cutlery Making Add 50 per cent. for four s	sar, bolt, and rod 474,148 Wire 6,395 kat 38,589 keel 38,589 keel 119,600 keel 12,976 Keel 12,976 Keau-engines Machinery 1 kardware and cutlery 1 kdd 50 per cent, for four months,	Bar, bolt, and rod. 474,144 Wire 6,395 ast 9,589 Wrought, sundry sorts 119,600 steel 12,976 Clin-plates 12,976 Clin-plates 13,976 Machinery 13rdware and cutlery 14rdware and cutlery 14rdware and 50 per cent. for four months, Sept. 1 to	Sar, bolt, and rod.	Sar, bolt, and rod. 474,144

IMPORTANT COLLIERY ARBITRATION CASE.

The evidence in the cause, Child v. Pocock, was given at Tenby on the 10th to the 14th instant, before Mr. Whitmore, of the Oxford Circuit, the arbitrator appointed by the parties, in consequence of an order of the Court at the last Bristol Assizes to refer the matters at issue for arbitration. There were two actions pending; one by the lessor against the lessee for damage sustained in consequence of the mines having been left full of water or "drowned out;" and the other was brought by the lessee against the lessor for the value of the colliery plant, which had been left on the premises. The lease, the covenants of which were unusually favourable to the tenant, embraced all the coal in the Begelly estate, which had been principally worked by the lessees in two collieries—that to the south and the dip being known as the Barley Park Colliery, and that to the north and the rise of the measures as the Spadeland Colliery. The Barley Park Mine had been abandoned for some years, but when worked had been Mine had been abandoned for some years, but when worked had been drained of its water by a pumping-engine within the demised property, and by another to the dip in the adjacent land, belonging to Lord Milford; the lease empowering the tenants to make openings between the two properties, on the express condition that they should make and maintain frame-dams or other sufficient barriers, to prevent the mine from being flooded from adjoining collieries. The Spadeland Colliery is situated so much to the rise of the measures as not to have been injured by the same cause, but was now drowned out in consequence of the pumps having ceased working, and been drawn out of the pit some months before the expiration of the term of the lease, according to the notice given by the tenant. With this brief explanatory introduction, we will now give an abstract of the evidence. bstract of the evidence.

abstract of the evidence.

The case for the plaintiff, James Mark Child, Esq., of Begelly House, was most ably conducted by Mr. Field, of the Midland Circuit, assisted by Mr. Burton, of the firm of Messrs. Chilton, Burton, and Johnson, solicitors of Chancery-lane; whilst the case of the defendant, Mr. Pocock, was entrusted to Mr. Kennedy, solicitor, London, who displayed great tact and ability in its management.

The case having been opened privately in London, we are unable to report the speech of the learned counsel for the plaintiff, for which, however, the introductory explanation will probably in some measure compensate. After taking a view of the property, which is situated about five miles from Tenby, the evidence of 14 colliers was taken as to the quantities of unworked coal left in the mines, the present condition of the colliers tities of unworked coal left in the mines, the present condition of the col-lieries and plant, and the other matters afterwards mentioned in the evi-dence of the engineers. The whole of these men were submitted to a severe cross-examination, but, with one or two unimportant exceptions, without invalidating the facts they proved. The reception of this evidence occupied two days, and at its conclusion a long and anxious consultation was beld by the professional gentlemen for the plaintiff as to the bearing of this evidence on the legal construction of the covenants in the lease, the result of which was the abandonment of the claims for damage in the Barley Park Colliery. It appeared that the plaintiff was a partner with the lessee when the openings into Lord Milford's ground were made, and that he was tacitly an assenting party to the non-construction of the dams; and further, the engineers were of opinion, that at the time the colliery was closed the remaining coal could not have been worked profitably with-out drawing the water from it by the pit on Lord Milford's property. As you cannot legally compel a tenant to work coal to a loss, or to pump the water in your colliery on another persons ground, it was decided, for these and other reasons, to waive the claim for the damage in Barley Park.

On Mr. Field stating this decision to the arbitrator on the re-assembling

of the court on Wednesday morning, he said he was quite sure that Mr. Field had exercised a sound discretion, and that he might now mention that such a decision was in strict accordance with the opinions he enter-

tained on the subject.

Mr Joshua Richardson, C.E., of Neath, was then examined by Mr.

Value of the plant in its present state. Repairs of plant, pits, headways, and pumping water...1327 15 0=£2121 5 Deduct value of plant when repaired... Amount of damage

Mr. Richardson then proceeded to estimate the damage occasioned by the lessees having, according to the evidence of the men, worked within the prescribed distance of 40 yards of the mansion-house, but as this was disproved by the lessees' witness, who had dialled and measured the workings, and who positively stated that the workings did not approach within 50 yards of the mansion, this part of the case ultimatety was struck out. Mr. Richardson was submitted to a long and severe cross-examination by Mr. Kennedy, which, however, left his evidence wholly unimpaired. Mr. W. P. Struvé, C.E., of Swansea, had acted in conjunction with Mr. Richardson in this case, and perfectly concurred with him in the estimates and evidence he had given. On cross-examination, Mr. Struvé considerably strengthened and confirmed the case for the plaintiff. Mr. Armstrong, Town Surveyor of Bristol, confirmed the correctness of the esti-Mr. Richardson then proceeded to estimate the damage occasioned by

saiderably strengthened and confirmed the case for the paumons siderably strengthened and confirmed the correctness of the estimates for the damage to the mansion; and Mr. Charles Griffiths, mineral mates for the damage to the mansion; and Mr. Charles Griffiths, mineral materials to Lord Milford, confirmed the estimates generally, with the expectation of the confirmed the strength of the confirmed t

agent to Lord Milford, confirmed the estimates generally, with the exception of that of the plant, which he thought was worth 1001 more. This closed the case for Captain Child.

Mr. John Lloyd, overman at the Spadeland Colliery, was examined by Mr. Kennedy, and first gave evidence as to the extent of the workings near the mansion-house, and then proceeded to say that the Timber Vein when left was squeezed, the bottom and top came together, and was cut off by a fault on the west; the loss in working it would be greater than the profit, it would require so much timber; and there was also fire-damp and foul air. Never worked the Low Vein to a profit, and thought it could not be worked to a deal of profit—the old men had worked it. Thought there was 2½ acres left in the Timber Vein. On cross-examination, he said the coal could be worked at a profit if it were kept dry, and that the engines and pits were workable with a little repairs. He had made a proposal to take the coal, and offered to engage to land 4000 tons a year for two years. Made this offer to Mr. Brough.

Made this offer to Mr. Brough.

Mr. W. Bedlington, mineral agent and surveyor, of Milford, said, he had been engaged in working the Timber Vein for about twelve months. He estimated the cost of re-opening the works from the existing pits at 1008l.; but would prefer sinking a new pit, which would cost 776l. By the latter plan the cost of keeping the old ways open, which would cost 10s. per day, would be avoided. He estimated the quantity of coal left in the Timber Vein at 2½ acres, which was insufficient to pay for the expense to be incurred to obtain it. On cross-examination by Mr. Field, this witnest entered into a variety of details, and stated that the calculations were Made this offer to Mr. Brough

made on the authority of Mr. Brough. Mr. James Wilson, late manager of the Hook Colliery, confirmed Mr. Bedlington's estimates.

Mr. Robert Brough, mining engineer, had been manager of the Begelly Collieries since 1841. Had worked a little of the Low Vein, but never found it worth working, as it was not a malting coal. Never meddled with the ground of the Low Vein in Spadeland. He took up the pumps because they were no longer useful. He thought there could not be more than 2½ acres of the Timber Vein left whole. The daily expenses exceeded the profits for three months before the work was stopped. The plant and colliery might be put into as good working order as it was when the works stopped for 395!. He estimated the engines and plant, with the engine-houses, at 1645!, and without the houses at 1476!. On cross-examination by Mr. Field, the witness stated he had estimated the rails of the per ton, although new ones could be bought for 8! 10s, because they were made of EV iron, and he had had 9! 10s. offered for them. Had valued the pumps, although very old, at one-half the price of new. The engine had been valued at half its cost when new, although the cylinder was cracked and honey-combed. He also stated that these coals sold at 12s. to 15s. on shipboard; the expense of conveyance to the shipping being about 1s. 6d. per ton. The Timber Vein being nearly exhausted in this country, increases the value of the coal in the Low Vein. Mr. John Thomas, mineral agent to the Merton Coal Company, Saundersfoot, confirmed the previous evidence. Mr. James Morgan stated that he had repaired the pits last June; and Isaac Nash, blacksmith, went down the pits just before the works were stopped, the shafts were in a very bad state.

With this witness the evidence was closed, and another sitting of the Court was appointed to take place in London in about three weeks. This case has excited very great interest in the country, the parties being well-known, and great disappointment was felt that no immediate decision had been made, as

ter-

the acres

h left orked

lliery, would tained

15 0 10 6 oned by within this was

h within ruck out. nation by ired. with Mr. the esti-

Mr. Arm s, mineral 1001. more amined by

rkings near
Vein when
s cut off by
an the profit,
mp and foul
could not be
cought there
to the engines
a proposal to

a proposal to or two years

ford, said, he

welve months.
xisting pits at
cost 7761. By
ch would cost
y of coal left in
for the expense
Field, this witlealations were

lculations were

THE IRON AND METAL TRADES OF SOUTH STAFFORDSHIRE.

THE IRON AND METAL TRADES OF SOUTH STAFFORDSHIRE.

[FROM OR CORRESPONDENT IN BIRMINGHAM.]

OCT. 20.—The iron trade, and indeed nearly all other manufacturing and commercial pursuits in this district, have yet proved superior to the depressing influences which appear to be operating more or less upon all other interests in the country. Neither the certainty of war, and rapidly advancing prices of provisions of all kinds, have had the effect of impeding the conward progress of our staple trade. The order books of the ironmasters still exhibit incontestable proofs of the healthy state of the trade, and naturally suggests the desire that nothing may occur to interrupt this fortunate state of things. At the final close of the quarterly meetings, on Saturday last, at Dudley, the attendance of buyers was unusually large, and the same spirit which was displayed at the Birmingham meeting this day week was fully maintained. The demand for pig-iron continued, and an advance of 5s. per ton may be said to be established. For sheet-iron the consumption is still far greater than the supply, and likely to continue so. It is, however, much to be regretted that the condition of the labour market offers no small obstacles to the production of iron and coal. The colliers, although they have partially returned to work, are still dissatisfied, and cannot be prevailed upon to continue more than half their time in the pits. The consequence of this cessation of labour has been the partial stoppage of some very large works, and non-fulfilment of many pressing orders for iron and manufactured goods. The men have been led to believe their employers can realise any additional amount of wages they may impose upon the coal, but if I am correctly informed, they are soon very likely to be undaceived. The coalmasters are begining to feel that they cannot long uphold the enormous high price of manufacturing coal, and that a reduction of price is not far distant. Add to this, that an immense quantity of coal is now daily arriving in this district

The coal miners' strike at Wigan and the district continues, and is now in its fourth week. The number of men out may be put down at 8000, exclusive of the drawers, engineers, banksmen, &c., who will make up another 8000, or 16,000 persons in all who have ceased to receive wages. We shall shortly have to add to these a considerable number of the flatmen and others employed by the coal trade, a portion of whom are already partially idle. Taking as a guide the instance of the Ince-hall Company, who employ from 1400 to 1600 men, and raise from 300,000 to 320,000 tons of whom are already partially idle. Taking as a guide the instance of the Ince-hall Company, who employ from 1400 to 1600 men, and raise from 300,000 to 320,000 tons of a per annum, or at the rate of a supply of about 100,000 tons of coal, which deficiency will go on at the rate of about 32,000 per week so long as the strike continues. This deprivation is already affecting very materially the entire population of the district. At the commencement of the strike the stocks of coal at the piter unout, were almost nil, the men having for some time past acted upon the principle of not allowing stocks to accumulate; and in Liverpool they were equally light, partly owing to the strike of the canal boatmen, and partly to the great demand which has existed for shipping. As the result, common household coal is now being retailed to our poorer classes in Liverpool at 16d, per cwt., and the best at 4s., and the price to householders has been advanced 3s. to 4s. per ton. The lower qualities in particular are scarcely to be had, and the loss, therefore, falls heaviest upon the labouring classes. The earnings of the colliers previously to the strike, with the increase of wages (2d. in is.) which they were then enjoying, may be estimated at from 30s. to 35s. per man per week, on the average. These, at least, are about the carnings of the ince-hall Company's men, whose yearly payments in wages amount to about 48,000t. These wages are nett, after deducting the amountse

STOUR VALLEY RAILWAY—INJUNCTION,—Last week notice was served upon the London and North-Western Company, to the effect that on and after Friday, the 21st inst., the Shrewsbury and Birmingham Company would use their powers of running over the Stour Valley line. Wednesday the North-Western Company applied to the Court of Chancery to stay such proceeding; the result was that the Court granted an injunction, restraining the Shrewsbury and Birmingham Company from taking any steps to run over the Stour Valley line without the sanction and authority of the Court.

NEW GAS APPARATUS.—Mr. J. Thomas, of Caen, France, has patented new method of setting gas retorts. They are set perpendicular, or nearly so, with neuths at each end, and so situate that they form two sides of the furnace for heating dem. A perforated diaphragm or pipe is placed in each, and they are so arranged hat every alternate bench of retorts is heated by the spare caloric from the next ad-

WEEKLY LIST OF NEW PATENTS

APPLICATIONS FOR PATENTS, AND PROTECTION ALLOWED.

M. T. Raymond: Retarding and stopping railway-trains—I. Barsham: Bricks, tiles and blocks:—W. E. Newton: Machinery for cutting metal, &c. (a communication.)—J. Phillips: Improvements in shaping vessels.—F. J. Raux: Railway-brakes.—J. Griffiths: Steam-engines.—T. W. Kennard: Constructing piers and foundations under water.—H. Berdan: Machine for preserving mercury in process of amalgamation, and for washing and amalgamating gold and other ores.

WEEKLY LIST OF PATENTS SEALED.

WEEKLY LIST OF PATENTS SEALED.

I. Blake, of Br ighton—Improvements in railway wheels.
J. and W. Cooke, both of Birmingham—Inventions of machinery for cutting or shaping corks and bungs.
T. Dunn, of Windsor-bridge Iron-work, Pendleton, near Manchester—Improvements in and applicable to boilers or apparatus for generating steam, and in apparatus connected therewith.
W. Chisholm, of Holloway—Improvements in the purification of coal-gas, for the purpose of filluminating and heating, and obtaining, by the ingredients used therefor, manures, saits of ammonia, and sulphur.
C. F. Spicker, of New York—Improvements in generating and fixing ammonia.
J. H. Mortimer, of Chester-place, Old Kent-road—Improvements in lamps.
P. Fairbairn, of Leeds—Improvements in heckling-machines.
(ions.
C. J. Daméry, of Faris—Improvements in the nanufacture of paste and enamel but-A. Blair, of Maryhill, Lanark—Improvements in propelling vessels.

A. Biair, of Maryhill, Lanark—Improvements in propelling vessels.

IMPROVEMENTS IN SHIP-PROPELLERS.—The title of Disc-propeller, given to a patented contrivance now exhibiting in model at the Royal Exchange, at the entrance of the Underwriters'-room, does not convey any direct idea of the arrangement of Mr. Burch, of Crag, near Macelesfield. The propulsion is not effected by a disc, but by vanes (in the model something of the bomerang form) or helical sections, which he calls "fins," set at the circumference of a disc, or wheel, to which the corresponding lines of the vessel are prolonged, so as to form a kind of cylindrical-shaped projection, from the position of the disc tapering off to the stern-post, and forwards forming a continuation of this quasi-cylinder, or trunk, to a little abaft the beam. Above and below the disc are apertures for the pasage of the fins. Six vanes are set upon the disc, and, revolved by the motive power, propel the vessel. The advantage alleged is, that the truncated lines act in the manner of Griffith's globular centre, in nullifying the central resistance, which chokes the ordinary screw,—an object which is a grand desideratum, if attainable. "The advantages," says the inventor, "gained by this arrangement, consists in shielding the ineffective surface of the propeller from the passing current, and leading the water upon the fins at such a radial distance from the axis as will secure the whole power applied in the right direction. By this alteration of the locality of the serew, the current is thrown direction the helm, whereby an immense advantage is gained in the improved steering of the ship." There are other proposed advantages, in the improved intens for construction, both force and aft, as well as in feuthering and withdrawing the vanes, or fins, which cannot be appropriately explained without illustrations. Whether these improvements will bear the test of practical application on a large scale, is a problem which Mr. Burch proposes to have solved by the construction of an e

tal vessel, and subsequently by introducing it in one of our ocean steamers.

Improvements in Treating Copper Ores.—Mr. A. E. L. Bellford has secured a patent for certain methods of treating copper ores, in the specification of which it is stated that—1. The calcined ore is washed with water in vats of masonry, lined with wood or lead, to avoid infiltration, and placed at different heights, in order that the liquid which they receive may pass from first to the other vats by means of cocks, the material being kept agitated until the whole of the salts of copper, formed by calcination, are dissolved. The wash is then run into spare vats, and left to clarify.—Z. The wash is concentrated in leaden evaporating vessels, and powdered vegetable charcoal is added, the mixture forming a paste, which may be made into bars.—3. The bars or bricks made of the paste are then backed in pottery evens, which deprives them of all sulphuric acid by the time the bars or bricks turn to a deep violet colour.—4. The bars or bricks are them melted and passed to a reverberatory furnace, to be formed into ingots.

Improved Lean Manufacture —Mr. H. Leachman of Computenters.

coont.—1. The oars of orices are then metted and passed to a reverberatory furnace, to be formed into ingots.

IMPROVED IRON MANUFACTURE.—Mr. H. Leachman, of Compton-terrace, Islington, has patented a process in the manufacture of iron, in which headds common brickdust, sait, and black oxide of manganes to pig-iron in the boiling process. The proportions for mixing the materials in the first instance are brickdust 120 lbs., sait 600 lbs., and oxide of manganes 280 lbs. The quantity of this mixture to be added to the iron varies from 20 to 50 lbs. per ton, less being used as the iron is of superior quality.

IMPROVEMENTS IN ROLLING IRON.—Mr. C. May, of Great George-streets Westminster, has patented some machinery for an improved method of rolling iron. Four steam cylinders act upon one large main wheel, and the rollers are so arranged as to be driven alternately in opposite directions, without reversing the machinery. The pile or rail may be passed backward and forward through the rolls, and be elongated in both directions, without the necessity of lifting it over the rolls. Another claim is for arranging a series of rolls, so that they shall be at such distance spart that the iron may not be between two pairs at the same time, and yet so that the succeeding pairs of rolls may be so near as to receive the iron immediately it has quitted the preceding pair.

IMPROVED PINTON.—Mr. R. E. Peterson, of Tottenham Court-road, has patented a new piston, consisting of a flexible or classic material, of a hollow hemispherical or conical shape, provided with a rim or flavor round its outer cache heid

IMPROVED PISTON.—Mr. R. E. Peterson, of Tottenham Court-road, has patented a new piston, consisting of a feasible or elastic material, of a hollow hemispherical or conical shape, provided with a rin or flange round its outer edge, held fast by serve bolts between the flanges of two metallic hemispherically-shaped vessels, which form the cylinder, within the upper of which the flexible piston is placed, so as to form a steam-tight chamber between its upper surface and the inner one of the metal hemisphere. The piston-rod passes through a stuffing-box attached to the top of the upper hemisphere, and is securely flastened to the upper part of the flexible piston. IMPROVENENTS IN MANUPACTURE OF SULPHURIC ACID, &c.—Mr. G. Robb, of Glasge, w. has recently taken out a patent for improvements in the manufacture of sulphuric noid, alkalies, and their sails. The claims are for the use of powdered pyrites, cinder, oxide of iron, or oxide of manganese, formed into masses with elay or alumina; a mode of keeping up the heat of the kiln or furnace by the use of beated air, carbonic oxide, or other cheap combustible gas, or heated products of combustion. For the decomposition of common sait in a state of admixture with oxide of iron, pyrites, cinder, or oxide of manganese, by passing the vapour of sulphurous acid through such comp und; operating on pyrites for producing sulphuric acid, the heat being obtained from the combustion of such pyrites. The use of bicarbonate of sodium; and the use of sulphate of lime, and the agents before mentioned, in the reduction of sulphate of soda to sulphuret of sodium:

WATER GAUGE FOR STEAM-BOLLERS.—A new water gauge, known as

WATER GAUGE FOR STEAM-BOILERS .- A new water gauge, known as

as the source of carbonic acid, for effecting the decomposition of sulpharet of sodium; and the use of sulphate of lime, and the agents before mentioned, in the reduction of sulphate of solo to sulphater of sodium.

WATER GAUGE FOR STEAM-BOILERS.—A new water gauge, known as "Echols," has just been introduced in America, said to be a great improvement on the glass tube usually employed. It consists of a metal tube, 2% inches in diameter internally, and connected with the top and bottom of the boiler by other tubes, 3 in diameter, secured to each end, between which and the larger one stop oesks are reached to the contract of the secure of t

AMERICAN RAILROAD IRON.

AMERICAN RAILROAD IRON.

Having visited the railroad iron mill of Messrs. Bennett, Marshall, and Co., in Sligo, to observe the process of manufacture, we give below, for the benefit of those who may be interested in the subject, the various processes through which the iron passes, before becoming a perfect rail. The metal is first ascorted in piles of 500 lbs., and mixed so as to produce the Proper quality of iron. There are twelve furnaces (eight more are being constructed), and each turns out ten heats a day; each pile of metal forming a heat.

This metal when heated in the furnace is separated into five balls, each of which is singly passed through what is called "Burdan's rotating squeezers;" they are then passed through the muck rolls, where they assume the dimensions of 5 in. thick by 15 or 29 ft. long. They are then cut to the length of i ft. 10 in., and r.-heated in what is called the "top and bottom" furnace. After this process they are again rolled into 6-in. bars, and taken to the rail mill. The centre of the rail is composed of a number of 3-in. bars, and taken to the rail mill. The centre of the rail is composed of a number of 3-in. bars, and taken to the rail mill. The set is process they are again rolled into 6-in. bars, and taken to the rail mill. The set is process they are again placeu in furnaces and heated, after which they are passed through the roughing rolls, and then through the forming or finishing rolls, and then through the forming or finishing rolls, where they receive the form of a Trail. When being drawn through the rolls the last time they are run out on a long buggy to two circular saws, (which make 1700 revolutions per minute), where the ends generally ragged are taken off, leaving the full 20 ft. rail.

The buggy conveys the rail to the straightening plates, where it is levelled laterally. It is then turned over and bent at an inclination of 5 in., to make up for the contraction of the iron when cooled. The rails, when nearly cooled, are completely straightened and turned over

THE ZINC TRADE.

THE ZINC TRADE.

The formation of a new company, entitled Societe Anonyme des Mines et Fonderies de Zinc de la Silesie, has lately been announced. We are now enabled to furnish our readers with some further details regarding this enterprise, which is destined to occupy a prominent place in the zinc trade.

The only two large strata of calamine known in the world are, the one in Belgium the other in Silesia. That of the former has been worked since 1837 by the Societe de la Vieille Montagne, which company, by substituting the combined and compact force of an anonymous society for the isolated and weak endeavours of private individuals, has risen to an extraordinary prosperity and development. The Government of Frussia, with a view, no doubt, to realise in Silesia what has been so successfully accomplished in Belgium, has given its sanction to the formation of an anonymous society, for the working of the mines and foundries of Silesia. This society is to be established with a capital of five million thalers (750,0001.), and important privileges have been given to it. The Counts Henkel, the heirs of Yon Winkier, and the principal large proprietors and directors of the Silesian mines, have united with banking houses of Brealau and Hamburgh, and with the directors of the Societe de la Vieille Montagne, in order to accomplish the organisation, and to appoint the directors of this new society. If we are correctly informed, this society will, from the commencement of their operations, command the sale of more than 20,000 tons of spelter, which amounts to more than two-thirds of the whole produced by the mines and foundries that have been placed at the disposal of the society, and which are now in full activity. Their richness and extent are fully proved, and they are susceptible of an immense devening, and an advantage is secured to the same, and all the markets will thus be open to it. Taking into consideration that the Societe de la Vieille Montagne, when starting, produced only 3000 to 800 tone of zinc; that this fi

WEST WHEAL FANNY.—A resolution having been passed at a special general meeting to dispose of this mine, Mr. Marsh will submit it for sale, by auction, on the 3d November. The sett is nearly half a nulle square, situate in the parish of Zennor, within 3 miles of 8t. Ives, and about 1990. has been expended in sinking shafts, driving adits, &c. The property is held under an agreement from the Countess-dowager of sandwich and the Duke of Cleveland, at 1-18th dues. The machinery, materials, counting-house, and furniture, will be included in the lot.

materials, counting-house, and furniture, will be included in the lot.

PEAK UNITED LEAD MINES, DERBYSHIRB.—The committee of management having a short time since come to the determination of making a periodical inspection of the works personally, made their second monthly supervision on Wednesday; they report that the directions given by them last month, to set additional men to work at the Gosphill and Muce levels, have proved very judicious, the yield of ore being highly satisfactory, and as progress is being made with the adit level, the aspect of the mines continue to improve as anticipated.

Vyvyan Consols.—We are informed that a large proprietor of shares in Vyvvan Consols has been to the mine, accompanied by an eminent mining surveyor,

VYYAN CONSOLS.— We are informed that a large proprietor of shares in Vyyan Consols has been to the mine, accompanied by an eminent mining surveyor, and that one of the committee, on Thursday last, stated his personal gratification at the verbal communication he had received from his friend, who had been to the mine. He added that so high an estimation had the surveyor, that he piedged himself he would rather have an interest in Vyyan Consols than in the Great Wheal Alfred. An elaborate report is being prepared, which is said to be in the highest degree favourable to the mine, and the assays to be made are expected to be unusually productive.

An elaborate report is being prepared, which is said to be in the highest degree favourable to the mine, and the assays to be made are expected to be unusually productive.

I RON SHIPS STRUCK BY LIGHTXING.—It having been asserted that there is no record of iron ships having been struck by lightning, although they have been in all elimates, Mr. W. Snow Harris writes—"This is, I beg to say, a great misapprehension. Her Majesty's ships Bloodhound and Jackall, both built of iron, were struck by lightning off Lagos—the Bloodhound and Jackall, both built of iron, were struck by lightning off Lagos—the Bloodhound in Oct. 1851, and the Jackall in Sept. 1852. The damage was considerable. The Bloodhound had her foretop-mast shivered, and ther sails burned. The Jackall also had her foretop-mast shivered, and other damage. I reture to call attention to these fact, lest an erroneous, and perhaps unfortunate, impression may arise in the public mind relative to the immunity of iron ships from the effects of lightning. As I never venture on any opinion connected with this subject which I cannot support by facts, I beg to refer for further information to the logs, &c., of those vessels deposited at the Admirally. The fact is that an iron ship is just as likely to be struck by lightning as any other ship, although little damage would arise to the hull or shell of the vessel when the electrical discharge had fairly reached it. We must, however, be prepared to encounter the same amount of danger in all the imperfect conducting substances intermediate between the masts and shell of the vessel as we find occurring in ships of wood, supposing the ship had no regular fixed conductor. I beg permission also to correct another misapprehension which appears to have arisen relative to steam-ships. The New Fork Tribine has an article on ships damaged by lightning, from which the public may be led to conclude that no steam-vessel is liable to damage from the electrical discharge; and this I have found repeated in other quarters. Now, to show

W. SNOW HARRIS: Windsor Villas, Plymoith, Oct. 19."

LOCOMOTIVE BOILER EXPLOSIONS.—The boiler explosion which occurred some months since in an engine-house near Manchester, induced the directors of the North-Western Railway to direct the institution of a number of experiments, the results of which must satisfy the most timid of railway travellers that accidents of that fearful nature can only arise from culpable neglect and carclessness of the grossest kind. In the explosion which gave rise to those investigations, the engine-driver had screwed down the safety valve, because the noise of the issuing steam interfered with the sound of his own voice when speaking to a companion, and he forgot to unserew it. Twenty-sive minutes after the valve had been recrewed down, the boiler burst, with dreadful violence. The destruction it occasioned was proof of the enormous pressure to which the steam had been raised, but the official inspector reported the cause of the accident to have been owing to the corrosion of the internal strengthening supports of the boiler, which he pronounced to have been in an unsound condition. The experiments undertaken to dis-prove this opinion, with a boiler the counterpart of the one exploided, showed that the explosive force generated during the 25 minutes must have exceeded 300 lbs. on the square inch. The locomotive boilers now constructed are made much stronger than the one that exploded, and it was found that the fire-box of a boiler as now made, with stays stronger and closer together, will sustain the enormous pressure of 1600 lbs. on the square inch. One of the facts elicited by these experiments is, that the flat fire-box, which was generally considered to be the weakest part of a locomotive boiler, is really the strongest, and from its form can be made of any conceivable strength. Taking advantage of the results obtained from these experiments, an engine has been constructed to run between London and Birmingham, with an elongated fire-box, and with these of only half the usual leng

IMPROVED PAVING.—In our notice of Mr. Perkes's patented plan for the construction of paving for carriage roads, we omitted to mention one important quality connected with it, but which, on the least consideration of its merits, would be implied by a scientific reader. It will at once be seen that by its peculiar construction the roadway need not be obstructed, and never stopped up, for repairs, as at present. The system once laid down, defective or worn out blocks can be singly removed and replaced by others with the greatest facility, and even for getting at sewers, gas, and water pipes, &c., the 3 feet sections would be removed enmasse, and but a portion of the roadway rendered impassable. For economy, durability, and comfort to passengers and inhabitants, from the diminution of noise, as well as the other advantages named, we think the plan well worthy the consideration of the paving boards of the metropolis.

Mr. Robins sold at the Auction Mart on Thursday, 20 shares of 10l. each in the Royal Polytechnic Institution, at 8l. to 8l. 10s. per share; and three shares of 100l. each (paid in full) in the Thames Plate Glass Company, at 65l. to 70l. per share.

It appears that the American steam-ship, Golden Age, is intended to sail for Australia from Liverpool about the 10th of next month. It is contemplated to limit the number of passengers to about 400, and the terms have been fixed at 70 guin, 40 guineas, and 30 guineas. She is to call at the Cape Verds and Cape of Good Hope for coals.

GOVERNMENT INCOME FROM RAILWAYS.—In the year ended the 5th of anuary, the payments to the revenue by railways amounted to 280,144?.

THE PROPOSED SUBTERRANEAN RAILWAY

The traveller, as he approaches London at express speed, sighs, when has to traverse the metropolis, to find that the three or four miles of he has to traverse the he has to traverse the motropolis, to find that the three or four miles of metropolitan transit will be accomplished in rather more time than it has taken him to come the last 30 or 40 by railway. If he has to pass over London-bridge, where, during the greater portion of the day, there are perpetual stoppages, he knows that to ensure being able to keep an appointment, he must allow double or treble the time which would be necessary if there was no obstruction; in fact, the passage through the chief thorough three of London has come to be looked upon by travellers in general and positions who wish to be travelered as quickly as possible from neral, and residents who wish to be transported as quickly as possible from one spot to the other, as one of the *opprobria* of locomotion. The metropolis, it is true, abounds with vehicular accommodation, but the risk that person making use of this convenience incurs of losing time, renders its loption a matter of hesitation. What is to be done? The "pace" of a person making use of this convenience incurs of tosing time, renders its adoption a matter of hesitation. What is to be done? The "pace" of the whole world is at least 50 per cent. more severe in most public departments of life than it was half a century back. In London, in the department of locomotion, it is 20 or 30 per cent. less. Is there no way of bringing the motropolis in this respect up to the level of the requirements of the age? Macadam has done all that can be done for our highways, but they fail us. Multiply omnibuses and cabs, and they increase the evil. The cent will give us no help-set least on its surface: it multiplies imthey fail us. Multiply omnibuses and cabs, and they increase the evil. The earth will give us no help—at least, on its surface; it multiplies impediments in our way. What is to be done? "Dive beneath," says the North Metropolitan Railway Company. "Travelling on the surface is very slow, and not at all sure. Only very expensive means have yet been devised of travelling by railway above—try what can be done below." Leaving it to the directors to establish the feasibility of their plan, there can be no doubt that it is highly ingerious, and is an indication in the right direction. The items of their scheme, as published in the reports, are sufficiently remarkable to deserve special notice.

An underground railway is to be constructed, reaching at first only from Edgeware-road to King's-cross, under the New-road. The railroad is to consist of two lines in a continuous archway of ample dimensions, well lighted up, thoroughly purified and dry. Stations, about half a mile apart,

lighted up, thoroughly purified and dry. Stations, about half a mile apart, are to be placed at the corners of different streets crossing the New-road. Trains are to run at short intervals, probably of three minutes, and a speed lighted up, of 20 miles per hour is anticipated arise to most persons' lips in speaking of a construction of this nature, is objected to, and that of "areade" proposed, because, while a tunnel suggest ideas of steam and smoke and damp, the underground railway is, we are told, to be free from all these causes of annoyance. The ordinary lo-comotive is not to be employed, and some other means of traction or pro-pulsion used. The carriages are to be large and well ventilated, and it is asserted that travellers will be protected from the chance of suffocation on asserted that travellers will be protected from the chance of suffocation on the one hand, and rheumatism on the other. The first proposed line is to be only a fraction of the whole. Arrangements are to be made with the Great Western Railway Company for an extension of the subterranean way to their terminus. The gradual extension to the termini of all the railways of the metropolis is contemplated, and it is proposed by this means to unite the termini of all the railways with the Post-office, and to transmit from the Post-office to the termini the various letter vans. It is proposed also that each railway station should be used as a branch post-office. The whole proposition is so novel that it would be premature at present to pass a decided opinion upon it. It will be sufficient to say that the company have obtained an Act of Parliament, that the Parliamentary and other preliminary expenses have been moderate, and that an eminent the company have obtained an Act of Parliament, that the Farliamentary and other preliminary expenses have been moderate, and that an eminent engineering firm has offered to construct the line from Tyburnia to King's-cross for 300,000!. These circumstances promise an early realisation of the plan. Should this be the case, the way will be open to a large number of improvements. Once adopt the system of tunnelling under London, and there is no reason why the gas, water, and sewage pipes should not be stowed away after the same plan, and hid for ever from all except those who are concerned in their construction and repair. The constant blockades from the construction and repair. who are concerned in their construction and repair. The constant observed from streets broken up that gas or water pipes may be arranged—breakages which do so much to add to the difficulties of locomotion to which we have alluded—will then be avoided. London will less often be the scene of frantic travellers despairing of reaching their homes or their railways, while the passengers on and below the surface will be saved from most of the annoyances which now make an essential portion of the minor miscrice of the metropolis. miseries of the metropolis.

miseries of the metropolis.

Should this plan be adopted, it may probably lead to a very remarkable change in the appearance of London. The business men may be underground, whilst the loungers are above. Being able to traverse London in about 12 minutes the business man will never walk. A great portion of London may then perchance lose that strange aspect of desperate turnoil which frightens the quiet country visitor, and makes him feel like a solitary leaf flung amid the boiling eddies of a whirlpool. Many operations of the social system which, however necessary, addnothing to the beauty of our great city—and which, like the operations of circulation, assimilation, and the social system which, like the operations of circulation, assimilation, and digestion in the human frame, are indispensable but not beautiful, may be kept out of sight. The surface of the metropolis, like the surface of the body, would be all the more attractive that the processes necessary for its renovation and preservation are not seen. The working facilities of the body politic may be increased, while the opportunities of relaxation may be augmented. We may gradually be induced to look upon the surface of London as something that ought to be beautified, when we can transfer many occupations below the surface. Pleasure will then no longer be jostled aside, to make room for its stern foe, business. We shall be content whenever we are able to flutter gaily on the surface, certain that all that is necessary for the due sustentation of our material interests is carried on below. London will be like the Proscrpine of the ancients—one half of the year below the ground, devoted to the service of Plutus, the God of Wealth, and the other half above, enjoying, with increased zest, the flowers and the sunshine—that is, if the underground railway does all that may be expected of it. and which, like the operations of circulation, assimilation, and

that may be expected of it.

PRUSSIAN RAILWAY STATISTICS.

The official survey for the year 1852, just published by the Prussian Government, gives a statement of averages which must be highly interesting to the English public, as affording a means of comparing the ma resting to the Enginea points, as anording a means of comparing the ma-nagement of railway business here and abroad. In the subjoined sum-mary Prussian calculations are reduced to English measure and currency. Total length of railway, 1803 miles, including 456 miles of double line Cost per mile, 12,8524, including 15564, for locomotives, carriages, &c Maximum, 26,7204; minimum, 60404. Average number of locomotives, three for every 10 miles; of passes

gers' carriages, 7; of vans and waggons, reckoned as four-wheeled, 57 per 10 miles of rail. Average run per locomotive in the year, 13,291 miles. Consumption of fuel, 9 cubic feet of wood and 3250 lbs. of coke per 100 miles of journey. Maximum of wood alone, 310 cubic feet, and of coke miles of journey. Maximum of wood arone, alone, 4529 lbs. per 100 miles of journey. alone, 4529 lbs. per 100 miles of journey 271 miles; of transport of goods, which the period of a penny sight hundredths of a penny

Average distance of passengers' journey 27½ miles; of transport of goods, 47 8-10. Average passengers' journey 27½ miles; of transport of goods, 47 8-10. Average passenger's fare, eighty-eight hundredths of a penny per mile, or 7s. 4d. per 100 miles; average freight per ton of goods, 13s. 5d. per 100 miles. Receipts: For fares and passengers' luggage, 5614. 3s.; for freight of goods and cattle, 7534. 6s.; for sundries, 604. 6s.; total, 13754, per mile of line.

1375l, per mile of line.

Expenses 637l, per mile of line. Of this sum 32 per cent. for superintending the line and stations, 5\(\frac{1}{2}\) per cent. for directorship and general management, 62\(\frac{1}{2}\) per cent. for cost of transport.

Gross expense equal to 46\(\frac{1}{2}\) per cent. of gross income.

Average cost of superintending line and stations, and of general management and directorship, 238l. 16s. per mile of line.

Average cost of transport, 8l. 18s. 6d. per 100 miles of journey.

Total cost, 15l. 12s. 2d. per 100 miles of journey.

Surplus, 738l. 8s. per mile of line, or 5\(\frac{1}{2}\) per cent. of capital invested.

Reserve fund, 22ll. 12s. per mile of line.

Maximum dividend paid; Magdeburg-Leipsic, 20 per cent.; Upper Silesian line, 10 per cent.

lesian line, 10 per cent.

News from India in Ten Days: Passengers in Three Weeks.—
Within a twelvementh of the present date a railway will be completed from Ostend
to Trieste, a distance of 1500 miles, in which there are even now only two considerable breaks. Letters, passengers, and parcels will then occupy little more than twe
days from the shores of the Channel to those of the Adriatic; four days more will take
them to Egypt, and by the aid of the railway from Alexandria to Cairo, now rapidly
advancing, they may within 25 hours be afflot on the Red Sea, and in 12 days thereafter be safe in Bombay, or within three weeks of their leaving London. Within this
date the electric telegraph, now preparing to be laid across the Mediterrancan, will
have reached Sucz, and the 4000 miles of wire which have already reached Calcutt
will connect every great town in India with the port of Bombay; so that before the
year 1856 expires we shall have communication by electric telegraph in 16 or 11 days. NEWS FROM INDIA IN TEN DAYS: PASSENGERS IN THREE WEEKS

GEOLOGY OF CENTRAL EUROPE .- No. I.

[LEAVES FROM A MINERALOGIST'S NOTE BOOK.]

There is no pleasanter way of enjoying the fine season than to wander, hammer in hand, through a beautiful country, treading in the footsteps of some recognised authority, who saves his followers the trouble of proving to a nicety the correctness of their observations. For the rambler over the to a neety the correctness of their observations. For the standard or the hilly region through which the Rhine has eaten out its romantic bed, the essay of our two matadores, Sedgwick and Murchison, published in the Transactions of the Geological Society, is an authority of this kind. Nor, although deficient in large sheets of water, can the eastern declivity of this range, or network of mountains, be called anything but beautiful. this range, or network of mountains, be called anything but beautiful. Viewed from an eminence, it presents a countless number of ridges and basaltic summits, rising like waves in a stormy sea all around the observer, and spreading till they are bounded by the distant horizon on every side. Our two eminent geologists have described the main characteristic of the Elifel on the east, and the Duchy of Berg on the west side of the Rhine, as composed mainly of clay and chlorite slate, upheaved by volcanic agency, which, in particular spots, has found a vent in various craters, easily pointed out; at least, on the left, or west side of the river. One of the best known of these craters is the "Laacher See," near Andernach, in whose vicinity the "tufa" quarried for the manufacture of cement, and the compact lava which yields the mill-stones of Nieder Mendingen, testify to the extent or frequency of the eruptions. On the other side of the Rhine, the north portion of the Duchy of Nassau is covered with innumerable basaltic peaks. One of the highest forms the peak of Salzburg, a few miles south of Dillenburg, and the most lofty eminence of this testify to the extent of frequency of the curptons. On size other size is the Rhine, the north portion of the Duehy of Nassau is covered with innumerable basaltic peaks. One of the highest forms the peak of Salzburg, a few miles south of Dillenburg, and the most lofty eminence of this mountain district. The ridge of which the "Salzburger Kopf" is the summit bounds the immense schist-formation which spreads nearly 60 miles to the north, and which is traversed by countless veins, rich in all kinds of metals, and form the basaltic region, which for 30 miles, or nearly asfar as the River Lahn, is almost barren of metallic deposits. But on the north side, towards the Dill, series of trap and transition rocks present themselves, which are very metalliferous. The western boundary of the valley of the Dill is grauwacke, alternating with another trap rock, there known by the name of greenstone. The grauwacke contains large deposits of iron, chiefly red hematite, of very superior quality. These deposits pervade a large extent of country on both sides of the Dill and the Lahn, covering the districts of Dillenborg, Weilburg, Braunfels, and Giessen, and furnishing the chief staple of industry for the population. Besides what is consumed in the numerous small smelting establishments, which are chiefly worked with chareoul, large quantities of this fine iron ore is exported by the Lahn to the coal districts of the Lower Rhine and Ruhr. The greenstone is the common vehicle of rich veins of copper, and numerous mines have been opened in it. These veins, charged with a rich kind ported by the Lahn to the coal districts of the Lower Rhine and Ruhr. The greenstone is the common vehicle of rich veins of copper, and numerous mines have been opened in it. These veins, charged with a rich kind of sulphuret of copper, not unfrequently accompanied by nickel, are found most valuable where the greenstone passes into another formation, for which our geologists, having no name in English, were obliged to retain the German designation of shalestone. The rock thus named is anything rather than what is called shale in English, not having a similar structure, but being soft and soapy until dried by the air. In the best mines of the German Mining Company, the richest copper was broken in and near this kind of rock. The same obtains in the mines recently revived by the Nassau Mining Company, one vein of rich heavy ore having one wall of greenstone, and the other of the shalestone. These mines were exceedingly productive in the last century, but, as was common in these parts, were abandoned as soon as the workers came to water. In English hands they may be expected to yield brilliant results. Those to whom the mineralogy of our lake districts in Westmoreland is known will recognise the striking similarity between the formations described above and those of the well known Coniston Mines, near Windermere: in the latter, the greenstone forms the matrix of the lode, and better no one need desire to possess. The great basalt heavings of the Westerwald Mountains are remarkable for the extensive beds of lignite, or brown coal as it is called in the county. These beds closely resemble those found on the south side of Dartmoor, near Bovey Tracy, but have the negaliarity that they are remarkable for the extensive beds of lignite, or brown coal as it is called in the county. These beds closely resemble those found on the south side of Dartmoor, near Bovey Tracy, but have the peculiarity that they are often found quite enveloped in the basalt. They are in seams, varying from 1 to 12 ft. thick, and are most inexpensively raised, being sold in the neighbourhood for about 4s, per ton. Owing to the large quantity of sulphur they contain, they do not so well suit for smelting purposes as for steamengines; but for working machinery they are invaluable.

COPPER TRADE OF THE PORT OF LIVERPOOL .- Our attention has been drawn to this subject by the publication of a communication in the Bir-kenhead Advertiser, from our old correspondent, Mr. Joshua Wood, of that town. Its object is to draw the attention of the mining interest and im-porters of foreign ores to the importance of encouraging and holding out inducements to capitalists to establish works on an adequate scale, in Liverpool, instead of allowing the trade to go into other hands, other countries, and thus lose the freights. The writer shows that shready is the subject obtaining the most serious attention in the United States; as a proof of which, some statistical details are appended of the progress of mining on the shores of Lake Superior, which has so often been noticed mining on the shores of Lake Superior, which has so often been noticed in our Journal. From present appearances, it is deduced that in a very few years vessels of 300, 400, or even 500 tons will be able to proceed from Lake Huron, through Lake Eric and the Welland Canal, into Lake Ontario, and thence, by Montreal and Quebec, down the St. Lawrence, and away across the Atlantic to Liverpool, and thus add another source of immensely valuable traffic, and still more valuable material of import to the shores of the Mersey. If our Liverpool merchants will not look to their own interests, they may rely upon it that our bettern in America. the shores of the Mersey. If our Liverpool merchants will not look to their own interests, they may rely upon it that our brethren in America will not neglect so valuable a traffic, but will commence smelting operations in New York, Philadelphia, Baltimore, or Boston, convert the ores to metal on their own shores, save the import duty of 20 per cent., and to some extent decrease our copper exports. These are considerations worthy the attention of our monied men, manufacturers, and shipowners particularly, considering the quantity of copper employed in sheathing vessels frequenting the port, and in the machinery for marine engines, locomotives, and the delicate machinery employed in the spinning and manufacturing mills of the midland counties. From improvements and advancement of the Saut St. Marie, and the mining regions of Lake Superior, it is evident great changes are progressing. Mining has become a great business, and appears settled on a firm foundation. Speculation has given way to judicious and established mining enterprise. The population has improved in morality, the hotels and other public buildings are advancing in respectability of appearance, and instead of unsettled stragglers, most of those whom you now meet are men of substance, or permanent settlers in full employment, and earning a good living. A great change has long been apparent, but it has proved greater, and been effected earlier than expected. The ores, too, are of such extraordinary richness as to be just on the verge of pure copper; and although operations park as all the particular of the advance and increase are and increase richness as to be just on the verge of pure copper; and although opera-tions may be said to be in their infancy, the shipments of copper and iron during the present season will be ample to prove that no portion of the globe of equal extent is more prolific in those minerals. Parties interested in the mines are now only waiting for the completion of two objects to place them in complete working order—the Saut Canal, and the railroad between the western extremity of the lake and the Mississippi.

The Wellington Docks.—A company has been just formed for the construction of extensive docks, to be called the Wellington Docks, on the Surrey side of the Thames. The proposed site will be close to the Spa-road station of the South-Eastern Railway, and comprises upwards of 130 acres. It is intended to form import, export, stearin, and coiler docks, with a water area of 60 acres; as also dry docks, for repairing, clean-sing, and overchauling vessels, avoiding the expense of their removal. The promoters state that of 9986 vessels which entered inwards last year from foreign ports, not above half received accommodation from the existing companies, while in addition upwards of 28,000 coasters and fishing ressels discharged in the river. With the exception of the Victoria Docks, now in the course of construction at North Woodwich, no material addition has been made since the opening of the St. Katharine Docks in 1828, although a recent parliamentary return shows that the amount of vessels and tonnage entered in wards from foreign ports since the year 1840 had nearly doubled, and far greater facilities are afforded to commerce by dock accommodation in Liverpool than London. The general level is considerably below high-water mark, and the land, being principally occupied as garden ground, will be obtained at a cheap rate. The river entrance will be opposite the London Docks, and the gates and locks will be constructed to admit the largest steamers and vessels, as an ample depth of water exists at the spot. The capital is to be 1,000,0007, in 25t. shares, 22. 10s. per share payable within seven days from the time of allotiment. In the existing state of the money market, the issue of proposals for any fresh public undertaking seems secretly likely to struct much attention; but in this company the board of directors are merchanta, and others largely interested in the trade that would be benefitted by the work, and the local influence awakened, including that of the connecting railway companies, is assumed to be sufficien

QUICKSILVER IN CALIFORNIA.—From a carefully prepared table, it ap-General Research of the Resear

NTWERP AND ROTTERDAM RAILWAY

The Board of Directors of this company beg to inform the shareholders that
a CALL of TWENTY-FIVE FRANCS, or ONE POUND por share, has been decided
upon, which will be PAYABLE on the 15th day of November next.

The payments can be made in London at the bank of Messrs. Masterman and Co.,
25, Nicholas-lane; in Brussels, at the bank of Messrs. Matthieu and Son; in Paris,
at the bank of Messrs. Kartineau, 18, Rue de Provence; and in Rotterdam, at the
bank of Messrs. Exéchicle and Son.

The certificates must be left at the offices of the company, 16, Cannon-street, five
days previous to such payment being made. Those shareholders who may not have
paid this call by the above-named day will be liable to pay interest on the amoun;
thereof, at the rate of 5 per cent. per annum from that day.

11, King William-street, London, Oct. 12, 1853. NTWERP AND ROTTERDAM RAILWAY COMPANY.

MOLEFORD, MONMOUTH, USK, AND PONTYPOOL BAILWAY OLLEFORD, MONMOUTH, USK, AND PONTYPOOL RAILWAY.

—The Directors of this company are desirous of receiving TENDERS from parties competent to CONTRACT for SURVEYING and SETTING OUT the intended LINE OF RAILWAY, and furnishing PLANS, SPECIFICATIONS, WORKING DRAWINGS, and ESTIMATES of the same, including the various STATIONS, SIDINGS, and other works, together with the SUPERINTENDENCE of the CONSTRUCTION, EXECUTION, and COMPLETION of the entire works.

The line is about 22 miles in length, and extends from Coleford, via Monmouth, Ragland, and Usk, to the neighbourhood of Pontypool. Scaled tenders to be sent in to the secretary, at his office in Usk, on or before the 7th day of November next.

N.B. The directors do not bind themselves to accept the lowest tender.

By order of the Board,

A. WADDINGTON, Sec. pro tem.

Usk, Oct. 12, 1853.

TO CAPITALISTS, OR OTHERS INTERESTED IN RAILWAY MANAGEMENT, an opportunity is afforded, by the introduction of a New MATERIAL, to supersede the one now in extensive use, of realising CONSIDER. ABLE PERSONAL ADVANTAGES. The advertiser can offer fully £500 per annum on each of the main lines of railway. The strictest confidence will be observed. Letters to be addressed, in the first instance, to "No. 1. B.," Mining Journal office, No. 26, Fleet-street, London.

TO MINING ENGINEERS.—WANTED, TO GO ABROAD, & PER SON thoroughly competent to LAY OUT the RUILDINGS and MACHINERY OF IRON MINES, and afterwards to CONDUCT the OPERATIONS of MINING and MANUFACTURING the IRON.—Applicants to address, with full particulars of previous engagements, and stating terms expected, "M. E.," Hammond's county newspaper office, 27, Lombard-street, City.

TO ENGINEERS, IRONMONGERS, GAS FITTERS, &c.—
A MARRIED CLERGYMAN, receiving a limited number of young gentlemen, whose charge for board and education is 60 guineas a year, wishing to LIGHT his HOUSE, containing 17 rooms, with GAS, will be happy to receive a pupil, the son or nominee of any of the above.—Address, "Rev. M.A.," care of Messrs. Bully Brothers, stationers, 3, Royal Exchange-buildings, Cornhitt.

NTHRACITE COAL.—A GENTLEMAN wishes to ENTER into an ARRANGEMENT with the PROPRIETORS of an ANTHRACITE COLLIERY to act as AGENT IN LONDON; where, eventually, he could purchase a share would be preferred. In consequence of the Smoke Bill having passed the House last session, the demand for the future will be immense. First-rate references given, and security to any amount.—Apply, in the first instance, to G. S. Humphrey, Library, 2, Charles-street, Manchester-square. NTHRACITE COAL .- A GENTLEMAN wishes to ENTER

WANTED, an EXPERIENCED MAN to TAKE the GENERAL ANTED, an EXPERIENCED MAN to TAKE the GENERAL,
MANAGEMENT of an IRONWORK, producing boiler-plate, angle iron,
and best bars, in all about 80 tons per week. He must be a good accountant, and
thoroughly master of the subject. To such a person the situation would be made a
good one. None other would answer.—Apply to J. P. Pycock, 5, York-buildings,
Dale-street, Liverpool.

WANTED,—A RESIDENT AGENT for a LEAD MINE; and also ONE for a COPPER MINE, both of which are at work.—Apply, wigh salary and reference, to Mr. Maher, 108a, New-street, Birmingham, for "H. L."

HINTS TO INTENDED GOLD DIGGERS AND BUYERS.—This is the title of a little volume, by Mr. G. F. Goble, some of whose ingenious inventions have been noticed in recent numbers of the Journal, and who has been for many years an observant wanderer in California, Australia, and other parts of the world, which has just been published by Effingham Wilson, Royal Exchange. Among the numerous avocations which have been at various periods followed by the writer, he has fitted out some hundreds of gold-seekers for the various territorics of Pluto; and having gained all his information from real practical experience, no one is better able to instruct the uninitiated, or those who may require tuition in the details of a bush-traveller's life. Having described some of the casualties, both accidental and premeditated, to which a gold-digger's life is subject, he enters in detail into the necessaries required—chemicals, tools, medicines, cooking utensils, &c., always advising to take as little as possible, nothing but what is absolutely requisite. The best instructions for catching and cooking kangaroos, wallabys, oppossums, eccastors, wild cats, dogs, &c., are given; and he represents the best gold-digger's kit as one in which the kettle can be used as a bucket, the dish as a washer, the cover as a frying-an, bowl, &c., It will be es well here just to inform those who think picking up gold from the soil a very pleasing and very positable sport, that the principal partion of a gold-seeker's life is intense privation, ceaseless toil, deferred hopes, and crushed expectations; particularly where an erroneous estimate has been formed of the difficulties to be encountered in the wilderness, among which employing your boots to carry water, your hat to make test in, your socks to boil rice in, or your shirt to mix your flour on for bread, are ingenious methods for supplying the culinary department very common in the bush. Boiling water in glass bottics is very often practised, and holices made of clay and leaves are also frequently used HINTS TO INTENDED GOLD DIGGERS AND BUYERS.—This is the title

THE GOLDEN SANDS OF THE AMAZON.—The following letter, dated Chacapogas, August 17, has been published in the Panama Star:—"In the last summary of Peruvian news we gave some information relative to the extraordinary discovery of gold in the bed of the River Amazon. Since then we published, in the Spanish part of our paper, a letter giving further particulars relative the freto, which, being of considerable interest, we translate to-day, although we in Dis way wouch for the correctness of the statements contained therein:—"Don Maximo Aguilar left this on the 16th inst., to commence the opening of the road to the River Amazon, with the \$2059 granted by the State for that purpose. The important day which shall enrich the north is near, and within two months we shall be on the shores of the River Smiting de Borja, travelling over its golden sands, and in the midst of the rich and fertile plains of the majestic Amazon. A person travelling by the River L'esyall, for Paruro, has discovered, a short distant from the shore of the said river, a chalk hill, which at first appeared to him to be of little importance; but as a pastime he took several pieces for examination, when, what was his surprise at finding a gold ring on his finger appeared to him to be of little importance; but as a pastime he took several pieces for examination, as found in various parts of the hill drops of quicksilver, and he continued to inspect further into the hill, until his surprise was further increased by coming to a lake of fine quicksilver, of some 29 yards in circumference, and, on more minute examination, he found in various parts of the hill drops of quicksilver filtering through a kind of yellow earth, partly concealed among the herbs. Within five days Dr. Rey a will be en youth with a sufficient force to commence the work at the rich copper mine of Chachahada. It is expected in this province that these mines will, within two months, prove a second Copiapo in respect to this expected that the server of copper disappeared, changing to pu THE GOLDEN SANDS OF THE AMAZON.—The following letter, dated

will be reduced to solid silver, and afterwards the quicksilver mines of Ucavali."

EVIDENCES THAT VEINS OF LEAD ORE GROW.—1. The bornes of large extinct animals have been found in the clay, in the lead-bearing crevices, with chunks of ore 20 ft. above the level of the fossils. These animals have evidently hene destroyed by falling in the fissures when open, which afterwards were filled with clay, and the ore has gradually formed in the clay above the bones.—2. Ores are, in many places, found in the clay beds, laying in veins from 2 to 4 ft. above the level of the rock. Had the lead veins been originally east in the crevices, and the rocky many places, found in the clay beds, laying in veins from 2 to 4 ft. above the level of the rock. Had the lead veins been originally east in the crevices, and the rocky matrix which surrounds them been removed by abra-ion (as Mr. Owen and Dr. Locke supposed or veins were found), we should have found the masses which had fallen down laying on the surface of the rock, and not up in the clay as we do find them.—3. Every clause or mass of ore has a root or is crystallised in cubes on one side, and is amorphous on the other, the root is analogous to fringe, and various other excresences seen in vegetation.—4. The bed of a rock is always an index of the kind of ore which will traverse it; one bed of rock produces east and west vertical veins—another, horizontal veins of lead ore are only found where the upper beds when partially removed by abrasion produces one in north and south sheets—another bed when partially abraded produces patch diggings in which the ore is found in a matrix of red clay; east may be a supplied to the control of the case in the supplied of the control of the case in the clay and the rock below the norther of lead ore are only found where the upper beds of magnesian limestone are all in place. This order of virangement in the lead formation is never reversel. The horizontal veins in the flint strat are always found in the rock below the norther hore of lead of

LOCOMOTICE IN COMPRESSED AIR.—The obstacles which have till now opposed the employment of the expansive force of compressed air will, it is thought, disappear, through the process of M. Juliene, which consists simply in compressing air by means of an hydraulic press. By this method, M. Juliene substitutes for the solid piston—which a grain of saud may alter, which the slightest irregularity in the pump would throw out of action, and which becomes heated by friction—a liquid piston, not less incompressible than the other, filling always exactly the space in which it moves, be it regular or not, and acting by progression on a resistance so exactly calculated, that this proportion, although increasing, is always in relation to the force to be overcome. The air is thus compressed at 30 atmospheres in iron bottles, which are about 4 millimetres thick. It is perfectly preserved under this pressure; and it was with a bottle of this kind that M. Juliene put in action a small vehicle, carrying two persons, and moving with great rapidity.—American Journal.

R. RENDINL has been favoured with instructions to SUBMIT FOR SALE. At PUBLIC AUCTION, on Tuesday, the 25th of October inst., by Eleven for Two o'clock in the forencon, at the CALLINGTON MINES, Cornwall, the under dentioned SPARE MINING MATERIALS, viz.;—

all, the under dentioned SPARE MINING MATERIALS, viz.; —

2-in. putaps, 9 ft. long.
13-in. putaps, 6 ft. long.
11-in. putaps, 6 ft. long.
11-in. putaps, 6 ft. long.
11-in. working-barrels, 11 ft. long each.
11-in. plunger-pole, 10 ft. long, nearly
12-in. top doorpiece.
13-in. top doorpiece.
13-in. top doorpiece.
13-in. in top doorpiece.
13-in. in top doorpiece.
13-in. in top doorpiece.
13-in. matching-pieces, 1 ft. long.
12-in. mindowr, 9 ft. long.
12-in. matching-pieces, 3 ft. long each.
1 matching-piece, 1 ft. long. i 12-in. windoore, 3\% it. long.

dot of singe bolis; a lot of staples and glands, with 2-in. taps; 5 very good 12-in.

main rods, with strapping-plates to fit; several shaft ladders, &c. (fron stakes); a

st of scrap and dividing timber; 10 fms. 1\% -in. bucket-rods; ook balance-bol; a

tof scrap and other iron; a balance-bob, with gudgeon, &c., complete, very good;

to tons of good train fron, 2\% in. by \%, and 2\% in. by \%; with various other articles.

The auctioner begs to call the attention of mine agents and others to the above

ling the same, apply to the agents on the mine; or to the auctioneer, at Callington.

gs sincerts on life table at Eleven, and the Sale will commence at Twelve o'clock.

(Aington Auction and Emigration Offices, Oct. 12, 1853).

FOUR HUNDRED AND NINETY-THREE PORFEITED SHARES IN THE WOOD MINE.

MESSRS. JAMES WHITE AND SON WILL SELL, BY Meslay, the 31st October, 1983, at One for Two o'clock precisely, in Lots, pursuant to a resolution of the shareholders, POUR HUNDRED AND NINETY-THREE (198ths) PARTS, or SHARPS (which have been absolutely forfeited), in the steate in the parish Science, which have been absolutely forfeited), in the Steate in the parish Science and the country of Devon, adjoining the celebrated State Tamar Mine, which is now yielding large profits to the shareholders. This valuable property is very extensive, and only requires a small outlay of capital rary period, as the lodes have been worked upon to some extent, and much tribute-has been paid upon each share. Particulars may be obtained of Wellington Gregory, Esq., at the offices of the court, old Broad-street.

FOREST OF DEAN, GLOUCESTERSHIRE.—WELLINGTON COLLIERY, MOSELEY GREEN NEW ENGINE COLLIERY, BRUNSWICK COLLIERY, AND BRUNSWICK NO. 2 COLLIERY, situated at MOSELEY GREEN, in the parish of West Dean, in the county of Gloucester.

M. JOSEPH COOKSEY will SELL, by AUCTION (under the direction of the mortagees) at the Bell Hotel, Southgate-street, in the city of Essenter, or Tuesday, the lat day of November next, at Twelve c'clock at noon, which to conditions then to be produced, either in one lot, or in the following, or in who dair lots as may be determined at the time of sale, these COLLERIES, while together, and are hereinafter more particularly described, with the PIT SHAFTS, seener, and are nereinafter more particularly described, with the PIT SHAFTS.

AM-ENGINES, DWELLING HOUSES, COLLIERY ERECTIONS, and PLANT to belonging.

scher, and are hereinafher more particularly described, with the PIT SHAFTS, MENGINES, DWELLING HOUSES, COLLIERY ERECTIONS, and PLANT obelonging.

1.—The WELLINGTON COLLIERY and BRUNSWICK No. 2 COLLIERY, sing two pit shafts, two-steam engines, with pumping and winding, landing ding apparatus; smiths' shop, carpenters' shop, store-rooms, hovels, and other ness, complete and in work; also, the UNGOTEN MINES, including about so of Starkey, leaves of Rocky, 129 acres of Snart delph, 75 acres of Oakenhill and 110 acres of the Bradily delph veins of coal. Together with 12 workmen's ness and gardens, containing an acre and a half of land, or thereabouts, consisting and the start of the Bradily delph veins of coal. Together with 12 workmen's ness and gardens, containing an acre and a half of land, or thereabouts, consisting at the start of 250 years from January 13, 1813. The Crown and lessor's is amount to 3d. per ton upon all sales from the Crown; the other moiety is as an extensive the start of 30 years from January 13, 1813. The Crown and lessor's is amount to 3d. per ton upon all sales from this colliery. The Brunswick Colliers are suffered to the start of 31 years, commencing on the 29th Sept. 1846. Sept. 30s. per annum. The site of the dwelling-houses and gardens is a from the Crown for a term of 31 years, commencing on the 29th Sept. 1846. Sept. 30s. per annum.

2.—The MOSELEY GREEN NEW ENGINE COLLIERY, comprising about the of Starkey, 28 acres of Rocky, and 108 acres of the Oakenhill Delph veins of accessing a strenge of the said term, and per non-sufficient of the said term, and per annum for the remaining seven years, in addition to the Crown and lessor's leave, the said term, and granum for the remaining seven years, in addition to the Crown and lessor's leave, which amount to 3d. per ton.

2.—EIGHT DWELLING-HOESEs and GARDENS, adjoining those to be sold, and one other dwelling-house and garden, situated near to the Wellington existance and for the remaining altogether 15 acre, or thereabouts. The site of t

s on lease from the Crown for a term of 31 years, from the zoth octal rent, 30s, per annum.

—The BRUNSWICK COLLIERY, comprising a pit shaft and ungotten mines flowing veins—viz. 7.2 serve of Park End high delph coal, 19% acres of al, and 24 acres of little delph coal, capable of being worked either by the eve mentioned, or by means of the plant belonging to the Wellington Coling closely connected therewith; together with a DWELLING-HOUSE and N, smitha' shop, store-room, office, and stable, all contiguous to the colliery, meing thereto. This colliery is held under lease for a term of 99 years, from February, 1841, and the Crown royalty amounts to 2d, and the lessor's to 2m on all sales. The minimum payment to the Crown is £12 per annum, and searce £104 per annum, being 4d, per ton on 20 tons per day covenanted sed.

sol, as of the Severn and Wyc Railway, a branch of which comes up to the pits, bries are all in direct communication with the River Severn and the South liway, at Lydney. The coals find a ready market at Gloucester, Chelten-the West of England.

periculars may be obtained from Messrs. Arnold and Welch, solicitors, Birmingham, Messrs. James and J. P. Poules, solicitors, Monmouth; or uctioner, either at West Bromwich, or at his offices, No. 5, Bennett's-hill, am.—The property may be viewed upon application to Mr. Wm. Trafford, Gloucestershire; or at the Wellington Colhery.

THE WEST WHEAL FANNY TIN MINE, SITUATE NEAR ST. IVES, RECENTLY IN FULL WORKING OPERATION.

RECENTLY IN FULL WORKING OPERATION.

MARSH has received instructions, in pursuance of a resolution passed at a Special General Meeting, to SELL, BY AUCTION, at the Mart, the Bank of England, on Thursday, 3d of November, 1853, at Twelve o'clock, lot, the WEST WHEAL PANNY TIN MINE, situate in the parish of Zennor, the mainty of Cornwall, with the MACHINERY, RIALS, COUNTING-HOUSE, and FUENTIURE thereon. Set is very extensive, nearly half—anile square. The rock within the sett is of decomposed granite, is interesected by numerous cast and west tin lodes, or of the richest quality, and is in the vicinity of the Trevias. Bray, 8t. Ivec Consewall Hill, and other mines that have yielded large profits to the sharehold book £1900 has been expended in exploring this mineral property, and is shafts and driving adits, and during these operations several rich parcels of rerized, similar in appearance to the tin raised in Trevisa Mine. The Trevisa disins this sett, immediately on the east, on the veins which pass this ground, apparents of £100,000 of tin have been raised, and the indications of this mine equal success. Held from the Counters Dowager of Sandwich and His Grace to Gleveland, at 1-13th dues.

So youl success. Held from the Counters Dowager of Sandwich and His Grace to viewed on application to Mr. Bamfield, solicitor, St. Ives; and particulars, additions of sale, obtained at the principal inns at St. Ives, Truro, and Exeter; Mr. Marsh's offices, 2, Charlotte-row, Mansion House, London.

magnificent HIGH-PRESSURE COLUMN ENGINES (coupled), of ser each, with their TWO BOILERS, and valuable MILL GEARING, arranted the genuine manufacture of the far-famed engineers, Messrs, rbairn and Sons, of Manchester.

am Pairbairn and Sons, of Manchester.

2. WHEATLEY KIRK is instructed to SELL, BY AUCTION, early in November next (if not previously disposed of by private contract, of his notice will be given), on the premises of the Mill in Dyke-street, George's about the following very valuable STEAM-ENGINES, MILL GEAR-S.—viz., a pair of truly valuable and highly-finished COLUMN ENGINES (d. of 16-horse power each, bore of cylinders 16 in., stroke 2 ft. 6 in.; two PRESSIKE BOILERS, 20-horse power each, on the Cornish principle, to fire and flue through, with steam domes in each; and all the MOUNTINGS, BARS, and FIRE BRICKS; all the valuable MILL GEARING and SHAFT-arge WROUGHT-IRON CISTERN, holding upwards of 2000 gallons; the its STONE BED FRAMING, the ENGINE FOUNDATION, and other valuables.

is. The engines, boilers, and mill gearing, are warranted the genuine manufac-costs. William Fairbairn and Sons, have been but little used, and are almost new.—Further particulars in future advertisements, and catalogues, which al, with every information, at the offices of the auctioneer, 24, Princes-street er, or by post on receipt of four stamps.

A 30-inch CYLINDER STEAM-ENGINE FOR SALE.

ANSEGO LLAN MINE, CROWAN, CORNWALL.—70 BE SOLD, BY PRIVATE CONTRACT, an excellent 30-inch cylinder GTEAM-INE, 9 ft. by 8 ft. stroke (manufactured within the last two years by Messrs, Vivian, and Co., Hayle Copperhouse), with one boiler, about 9 tons, eistern, rood work of engine-house and boiler-house, &c.

a view of the same, apply to Capt. John Reynolds, Nansegollan Mine, Crowan; to further particulars, and to treat for the same, application must be made to Nicholas Vivian, Camborne; or to Mr. Henry V. Newton, auctioneer and li-demigration agent, Camborne.—Camborne, Cornwall, Oct. 20, 1885. A 30-inch CYLINDER STEAM-ENGINE FOR SALE.

AL-FIELDS.—TO BE LET, upon favourable terms, some most digible and easily-worked GALES OF COAL, of excellent quality, in the ST OF DEAN, adjoining the railway.—Apply to E. H. Moserop, Esq., 1613, 1 cmolon.

PORTANT TO IRONMASTERS.—NOTICE.—That a large spanishing of IRON ORE, on the Mulgrave Estate, near Whitby, belonging to liquess of Normanby, is now ready TO IET. This immense seam runs for fer miles along the cliffs facing the German Ocean, is from 8 to 15 ft. in thick-tad is allowed by competent authority to be much the richest ironatone yet dismin in Cereland. It is within 16 miles by sea of Hartlepool, and 20 of Middlesbrot, is above places now becoming celebrated for the manufacture of iron. The Till be divided, so as to suit companies; and further information may be obtained in the control of th

CLATE QUARRY FOR SALE, NEAR DELABOLE, CORNWALL.

—FOR SALE, hear the celebrated Delabole Quarries, on the north coast of Cornwall, a superior SLATE QUARRY. The quality of the slate is such, that good judges have pronounced it equal, if not superior, to Delabole; it is large in size, and of a good colour. One of its greatest recommendations is the small expense attending the working of it. It is adapted for roofing and flooring; also for chimney-pieces and other ornamental work.—Persons desirous of having further information must address to "8, B. T.," Post-office, Launiceston, Cornwall.

COLLIERIES, COPPER SMELTING, AND IRONWORKS—
TO BE LET, several extensive FIELDS of ANTHRACITE and BITUMINOUS COAL, IRONSTONE, and FIRE CLAY; as well as MARBLE and LIMESTONE QUARRIES. Also, first-rate SITES for the ERECTION of COPPER SMELTING ESTABLISHMENT'S, IRONWORKS, PATENT FUEL MANUFACTORIES, and FIRE-BRICK WORKS. The whole being near good scaports, and intersected by the South Wales and Lianelly and Lianelly and Layelly to Mr. W. Rosser, mineral surveyor, Llanelly.

TO BE LET FOR A TERM OF YEARS, OR SOLD, a valuable TRACT, containing all the well-known VEINS of ANTHRACITE COAL and IRON MINE of the country of GLAMORGAN.—For further particulars, apply to "D. E. F.," Post-office, Neath.

TEAM-ENGINE FOR SALE .- TO BE SOLD, a HIGH. PRESSURE BEAM ENGINE, lately erected and nearly new, and in complete repair, together with COLLIFEY WINDING GEAR, if required; cylinder 22 inchediameter, and 6 feet stroke, estimated to be 60-horse power; boiler, with tube, 115 tons.—Apply at the Millbrook Ironworks, Swansea.

ANTED TO PURCHASE, a good SECOND-HAND HORSE-WHIM; and 10 to 20 fms. 8-inch PUMPS. Wales or Ireland preferred Address, pre-paid, Robert Smith, 34, Lombard-street, London.

CHEADLE (CALAMINE) BRASS.—This BRASS, of the finest quality (made at the Cheadle Company's Works), may be PURCHASED from Mr. G. ASTON, agent, Shropshire Union Wharf, Crescent, Birmingham; or at the works, Cheadle.

TAST INDIAN IRON COMPANY.—Notice is hereby given, that the DEED required by the Charter of Incorporation of the East Indian Iron Company, having been approved by the Board of Trade, has been executed by the Board of Directors, and LIES FOR SIGNATURE by the sharcholders at the offices of the company, 33, New Broad-street, in the City of London, and the sharcholders are hereby required to attend and execute the same on or before the 31st of October next, in default whereof their shares, with the deposits paid thereon, will be forfeited, pursuant to the terms of the prospectus and letter of allotment.

By order of the Board, G. E. COOPER, Sec. Dated the 13th September, 1853.

BLAENAVON IRON AND COAL COMPANY.—Notice is hereby given, that, in pursuance of a resolution passed this day by the Board of Directors, a DIVIDEND of TEN SHILLINGS per share, upon the old shares of this company, will be PAID on and after the 1st day of November next, between the hours of Eleven and Three o'clock.

By order of the Board,
Offices, 4, Paneras-lane, Oct. 14, 1853.

JAMES BOOTH, Sec. N.B. The Transfer-books will be closed from this day to the 1st of November.

NVESTMENTS IN IRELAND.—ESTATES to the value of £1,300,600 FOR SALE in November and December next. Messrs. TOWNSEND, C.E., and LOCKE FURNISH REPORTS, &c., on the AGRICULTURAL and MINERAL VALUE and RESOURCES of the above.

48, Upper Sackville-street, Dublin.

48, Upper Sackville-street, Dublin.

THE DIRECTORS of the MPERIAL BRAZILIAN MINING ASSOCIATION consider it desirable to CALL the ATTENTION of the PUBLIC to the extensive and valuable AGRICULTURAL PROPERTY the association possesses in BRAZIL, consisting of about 30 square miles of land, situate in a most healthy climate (about 2000 feet above the level of the sen), and suited to the growth of all the various productions of the globe. The association is willing to ENTER into ARRANGEMENTS with companies or individuals for LEASING and WORKING these ESTATES, from which, amongst other produce, cotton of the best quality can be obtained.—For further particulars, apply to the office of the Imperial Brazilian Mining Association, Winchester House, Old Broad-street.

TO THE SHAREHOLDERS OF THE BADEN CHARTERED SILVER AND LEAD MINES.—The shareholders of the GRAND DUCHY OF BADEN MINES are requested to MEET at the offices of Mr. f. C. Banfield, No. 11. Bucklersbury, on Monday next, the 24th inst, to confer on the propriety of orthwith summoning a general meeting, to take the position of the company juty consideration.

PRAED CONSOLS MINES.—NOTICE.—The GRANT of these SETTS having been REVOKED, persons who have CLAIMS AGAINST the mines, or who OWE CALLS, will please SEND the same forthwith to the undersigned. A GENERAL MEETING of the adventurers will be HELD at the offices, No. 73, Cornhill, on Thursday, the 10th November, at Two o'clock precisely, to examine the accounts, &c.

OTICE.—TREBURGET CONSOLS MINING COMPANY.—
The public are hereby CAUTIONED against PURCHASING any of the SHARES in this company numbered from 501 to 982, and from 1001 to 1518, inclusive; the same having been FRAUDULENTLY OBTAINED, consequently will not be recognised by the company.

J. HUNTER, 840

BICTON CONSOLS MINE, IN THE PARISH OF ST. IVE, IN THE COUNTY OF CORNWALL.—A MEETING of the shareholders, on the general business of the company, will be HELD at No. 9, Austinfriars, London, on Thursday, the 27th inst., at Four o'clock in the afternoon.

Oct. 29, 1853.

Oct. 26, 1853.

DOLTIMORE COPPER AND GOLD MINING COMPANY.—
Notice is hereby given, that the SECOND HALF-YEARLY GENERAL
MEETING of the shareholders of this company will be HELD at the offices, No. 50,
Pall Mall, at Twelve o'clock precisely, on Wednesday, the 2d of November, for the
transaction of general business; and also as a Special General Meeting, for the purpose of determining the propriety of rescinding the Second of the Rules and Regulations, as recommended at the last general meeting.

ADOLPHUS E. P. GRAVES, Sec. and Purfer.

COUTH CORK MINING COMPANY.—Notice is hereby given, that
a SPECIAL GENERAL MEETING of shareholders in the above mine will be
HELD at the offices of the company, 33, Great Winchester-street, on Saturday, the
By order of the Board,
WM. BATTYE,

WHEAL ANNA CONSOLS.—Notice is hereby given, that a SPECIAL GENERAL MEETING of this Mining Company will be HELD at these offices on Wednesday next, the 26th inst., at Three o'clock, upon business of importance. By order of the Committee, W. C. FOULKES, Seg. 58, Old Broad-street, Oct. 19, 1853.

W HEAL SAMSON.—A GENERAL QUARTERLY MEETING
of the shareholders of the above mine will be HELD at the offices of the
company, 17, Cornhill, on Monday, the 24th October, at Twelve o'clock precisely,
W. H. CROSSMAN.

W. H. CROSSMAN, S. M. A. CROSSMAN, S. M. A. CROSSMAN, S. M. A. CROSSMAN, S. M. Notice is hereby given, that the ANNUAL GENERAL MEETING of the shareholders of this company will be HELD at the Freemasons' Tavern, Great Queenstreet, Lincoln's Inna-fields, on Monday, the 31st inst., at Twelve o'clock, to take into consideration (in addition to the ordinary business) the propriety of making an increase in the capital of the company.

GEORGE FREDERICK GOODMAN, J. M. Adam-street, Adelphi, Oct. 17, 1853.

BRUCUTU GOLD MINING COMPANY.—The MINING REPORT received per last mail LIES at the offices of the company for the INSPECTION of shareholders producing their shares.

Offices, 58, Old Broad-street, Oct. 18, 1853. By order, JOHN GATLIFF,

COPIAPO MINING COMPANY.—Notice is hereby given, that the directors have this day made a CALL on the shareholders of ONE POUND per share, payable at the bankers of the company, Messra. Williams, Deacon, and Co., on or before the 31st of October next.

It is particularly requested that the certificates of shares, together with the particularly requested that the certificates of shares, together with the particularly requested that the certificates of shares, together with the particularly requested that the offices of the company, 2, New Broad-street, three clear days, that the payment of the call may be inscribed thereon.

By order of the Directors,

EDWARD J. COLE, Sec.

London, Sept. 30, 1853.

EW PATENT ACT, 1852.—Mr. CAMPIN, having advocated Patent Law Reform before the Government and Legislature, and in the pages of the Mining Journal, &c., is now READY to ADVISE and ASSIST INVENTORS in OBTAINING PATENTS, &c., under the NEW ACT.

The Circular of Information, gratis, on application to the Patent Office and Designs' Registry, 156, Strand.

MINING SHARES FOR SALE.—The undersigned is enabled to submit SHARES at the following PRICES:—

submit SHARES at the following PRICES:—
Bryntail, £1½.
St. Austell, £1½.
Cwm Darren, 10s. 6d.
Churchstoke, £2s. 6d.
Crookhaven, £10½.
Clowance Wood, 7s.
Combmartin, 8s. 6d.
East Bosorn, 5s. 6d.
Great Wheal Hugo, 9s.
Langford, 2s. 6d.
Lonsdale, £5.
Mixon Great Consols, 16s.
Mary Am, £43.
New £. Crownd, 200 at 8s.
N.B. Low-priced shares

N.B. Low-priced shares

Tremoil. Down, 150at2s.6d.
Tremoil. D Tymail, £14; St. Austell, £14; St. Austell, £14; St. Austell, £15; Gd. Crookhaven, £108; Gd. Crookhaven, £104; Clowance Wood, 7s. Combmartin, 8s. 6d. East Bosorn, 5s. 6d. Great Wheat Hugo, 9s. Langford, 5s. 6d.

Tamar Maria, 12s. 6d. Colorbell, 6e. 6d.
Tincroft, £5\(\frac{1}{2}\)e, Wheal Kitty, £5\(\frac{1}{2}\)e, West Providence, £49\(\frac{1}{2}\)e, West Providence, £40\(\frac{1}{2}\)e, West Wheal Fanny, 2s. 6d. Wheal Maudlin, 10s.
West Wheal Fanny, 2s. 6d.
Wort Holmbush, 2s. 6d.
Worthing, 4s.
Wood Mine, 8s.
Wheal Golden, £2\(\frac{1}{2}\)e, Wheal Edward, 40 at £2\(\frac{1}{2}\)e,

N.B. Low-priced shares in other mines of good promise, subject to only small periodical calls, to be had on application; and impartial advice will be given as to their merits when required.

Letters addressed (post paid) to CHARLES GURNEY, mining commission agent, Hall of Commerce, Threadneedle-street, London, will meet prompt attention.

Just published, in cloth boards, large 8vo., with Plates, price 3s. 6d.

THE COAL MINES: THEIR DANGERS AND MEANS OF SAFETY:—Including Insepretion, Vernication by Furnace and Stram-Jet, Formulæ on Ventilation, Safety-Lamps, Education for the Miners, Coroner's Inquests, &c. By Janes Mayuen, Eq., Honorary Secretary to the Shields Committee on Accidents in Mines, &c. London: Longman, Brown, and Co.

DR. RAMADGE ON ASTHMA AND DISEASE OF THE HEART.
One Vol., greatly improved, Second Edition, price 10s. 6d.,

STHMA, ITS VARIETIES AND COMPLICATIONS; with
Practical Remarks on their Specific Treatment; Illustrated by Cases and
Plates, coloured from nature. To which is annexed, a succinet TREATISE on the
principal DISEASES OF THE HEART. By F. H. RAMADDE, M.D., Fellow of the
College of Physicians, late Senior Physician to the Royal Infirmary for Asthma, Consumption, and other Diseases of the Lungs.

London: Longman and Co.

WHY QUARTZ MINING COMPANIES ARE FAILURES.

CALIFORNIA AND ITS GOLD MINES; being a Series of recent Communications from the Mining Districts upon the Tresent Condition and Future Prospects of Quartz Mining; with an Account of the Richer Deposite, and Incidental Notice, of the Climate, Seenery, and Mode of Life in California. Edited by Robert Allsop, of the Stock Exchange.

Groombridge and Sons, Paternoster-row, and may be had of all booksellers; and f the editor, No. 1, Royal Exc. unange-buildings.

T OANS IN CONNECTION WITH LIFE ASSURANCE. OANS IN CONNECTION WITH LIFE ASSURANCE.—
Individuals possessing real or persona, property, officers in the army or navy,
elergymen, professional men, merchants, trades ven, and persons of respectability,
may, by ASSURING with the TRAFALGAR LIFE ASSURANCE ASSUCIATION,
OBTAIN ADVANCES; for periods varying from one month to any other period, upon
the following securities:—Upon freehold or leasehold property in England; upon
reversions, annuities, sign-manual pensions, or any other description of assignable
reversions, income in connection with life assurance. Upon personal security, by
the berrower procuring responsible securities to join in a bond, or other security for
the berrower procuring responsible securities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or other security for
the berrower procuring responsible accurities to join in a bond, or the security for
the berrower procuring responsible accurities to join in a bond, or the securities to join in a bond, or the procuring the procuring to the procuring the

TRAFALGAR LIFE ASSURANCE ASSOCIATION.

Capital £230,000, fully subscribed for by a registered and most responsible proprietary, consisting of several hundreds of shareholders.

(Incorporated by Act of Parliament.)

CHIEF OFFICES,—40, PALL MALL, LONDON.

The business flow of this association embraces the granting of:—1. Life assurances in healthy, declined, doubtful, or diseased lives.—2. Guarantees for fidelity of trust combined with life assurance on personal and other securities.

The whole of these four important branches of business are transacted by this association on the most favourable terms.—For prospectuses and all other information, apply to

N.B. Agents wanted throughout England and Scotland.

TUARANTEE FOR FIDELITY OF TRUST, COMBINED WITH LIFE ASSURANCE.—The DIRECTORS of the TRAFALGAR LIFE ASSURANCE ASSOCIATION GRANT POLICIES combining the above objects on peculiarly FAVOURABLE TERMS.—For forms of proposal, terms, and all other information, apply to THOMAS II. BAYLIS, Manager. Chief Offices, 49, Pall Mall, London.

N.B. Agents wanted throughout England and Scotland.

ISEASED, DOUBTFUL, OR DECLINED LIVES.—

ISEASED, DOUBTFUL, OR DECLINED LIVES.—

GRANT ASSURANCES at MODERATE RATES of prenium, not only on the LIVES of persons who have been REJECTED by other offices, but also on those LIVES be suffering from consumption, astama, bronchitis, pneumonia, disease of the heart, apoplexy, cipilepsy, disease of the liver, dropey, scrofula, gout, rheumantism, &c.—

For forms of proposal, and all information, apply to THOMAS H. BAYLIS, Manager, Chief Offices, 40, Pall Mail, London.

N.B. Agents wanted throughout England and Scotland.

A GENCY.—The DIRECTORS of the TRAFALGAR LIFE ASSURANCE ASSOCIATION continue to receive APPLICATIONS from respectable parties (accompained with references) RESIDENT in the various towns in
ENGLAND and SCOTLAND, for the AGENCY of this institution. The commission
allowed is highly remunerative, while the important and numerous branches of business undertaken afford greater facilities than at most other offices for the exercition
of active and influential agents.

The business of this association embraces the granting of:—1. Life assurances of
healthy, declined, doubtful, or discased lives.—2. Guarantees for fidelity of trust combined with life assurance.—3. Immediate and deferred annutites.—4. Loans in connection with life assurance on personal and other securities.—For detailed prospectises, and all appplication, apply to
Chief Offices, 40, Pall Mall, London.

THOMAS II. BAYLIS, Manager.

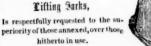
I MPROVED LIFTING

W. AND J. GALLOWAY,

PATENT RIVET WORKS, MANCHESTER.

The attention of parties who employ

Tifting Sarks, Is respectfully requested to the su-





XTRAORDINARY DISCOVERY—A CERTAIN CURE FOR CANCER, &c. -To Dr. Batchelour has been communicated (from abroad) one of the most astounding discoveries of our age. By an external application, without pain, cancers, even in the last stage, are completely cradicated, white swellings, enlarged, stiff, and contracted joints, rheumatism, tie doloreux, lumbago, fistula, pites, corns, spinal complaints, and neuralgie pains, are cured by Major's synovlite Lotions modified for the human subject by Dr. Batchelour, M.D., M.R.C.S.E., M.L.A.C. Dr. Batchelour may be seen at No. 12, Finsbury-place South, Finsbury-square, from Twelve till Three; and at Mr. Watt's, druggist, No. 17, Strand, every Tuesday and Priday, from Three to Five. For cancers, Dr. Batchelour must be consulted; but for the other complaints the lotion may be applied by invalids themselves. The lotion is sold in bottles at 11s. and 22s. each, at No. 12, Finsbury-place, and at Mr. Watt's, 17, Strand.—Orders to be prepaid.

CURE OF TWENTY YEARS' ASTHMA by Dr. LOCOCK'S Pellmonic WAPERS.—From Mr. R. Bagley, bookseller, Ironmonger-street, Stamford.—"One highly-respectable gentleman in Stamford has experienced the most wonderful benefit in a severe cold and obstinate astima, with which he has been troubled for the last 20 years. I have sold dozens of bexes entirely through his recommendation." Dr. Locock's pulmonic wafers give lastant relief and a rapid cure of asthma, coughs, and all disorders of the breath and lungs. To singers and public spekers they are invaluable for clearing and strengthening the voice; they have a pleasant taste. Price Is 1½d. 2s. 9d. and ills per box. Sold by all druggists.—Also, Dr. LOCOCK'S ANTIBILIOUS WAPERS, a mild and gentle aperient medicine, having a most agreeable taste.

Cine, having a most agreeable taste.

"Throw physic to the dogs."—Shakspere.

OPER'S PLASTER is the only CURE for Coughs, Asthma, Hoarseness, Indigestion, Palpitation of the Heart, Croup, Hooping Cough, Influenza, Chronic Strains, Bruises, Lumbago or Pain in the Back, Spinal and Rheumatic Affections, Diseases of the Chest, and Local Pains, without inward medicine. Important testimonial from F. Cupiss, Esq., M.R.V.C., Author of the Prize Essay on the Diseases of the Liver of the Horse:—Diss, Norfolk, March 22, 1851.

Gentlems,—For the hast three winters Mrs. Cupiss has felt a great delicacy of the chest, accompanied with occasional pain, tough, and hoarseness. Having had your valuable Bath Plasters recommended to her, she made trial of one, and it was attended with the most beneficial effect, in consequence of which she has made frequent use of them, and invariably with the same good results. It is to be regretted that they are not more generally known, as I am sure they would relieve much suffering, To Messrs. Roper and Son.

Sold by all medicine vendors, at 1s. 1½d. each; for children, 9½d.; or by post, on receipt of 1s., or 1s. 4d., in postage stamps.

DAINS IN THE BACK GRANYEL LUMBAGO RHEUMATISM.

PAINS IN THE BACK, GRAVEL, LUMBAGO, RHEUMATISM, GOUT, FLATULERCY, INDIGESTION, BILJOUSNESS, BEBLITT, &c. Dr. DE ROOS' COMPOUND RENAL PILLS (as their name Renal, or the Kidneys, indicates) have been long established as a most safe and efficacious remedy for the above dangerous complaints, Discharges of any kind, and Discases of the Kidneys, indicates) have been long established as a most safe and efficacious remedy for the above dangerous complaints, Discharges of any kind, and Discases of the Kidneys, Bladder, and Urinary Organs generally, which, if neglected, frequently end in a fingering painful death. For Depression of Spirits, Excitement, Blushing, Dislike of Society, Incapacity for Study or Business, Loss of Memory, Confusion, Giddiness, Blood to the Head, Drowsiness, Sleep without Refreshment, Groundless Fear, Indecision, Wretchedness, Nervousness, and even Insanity Itself, when (as is often the case) arising from, or combined with, Urinary Discases, they are unequalled. Possessing tonic properties, they agree with the most elicate stomach, strengthen the digestive organs, increase the appetite, and improve the general health. They require neither confinement nor change of diet, and, as experience has amply proved, they will effect a ure when mercury, copaiba, and all other dangerous medicines have failed.—May be obtained through all medicine vendors, at 1s. 15(4), 2s. 9d., 4s. 6d., 11s., and 33s. per box, with full directions for use or, by enclosing Pear-Loffice order or stamps to Dr. De Roos, 35, Ely-place, Holbournhill, London, they will be sent per return. At home for consultation daily from Eleving till Four, Sunday excepted. Advice and medicines, £1.

ntle-

TER CITE chase d the RAL and

title gained instructs weller's atted, to equired as little ions for s, dogs, the ketowl, &c. he soil a secker's testions; les to be by water, flour on

mour on ery com-d boilers the tricks ngs; the of birds, nt in case he end of lia is the ch will be or is well er, dated last sum-linary dis-in the Spa-nich, being leb for the left this on h, with the hall enrich River Son-

River Sou-ch and fer-leayali, for chalk bill, he took se-old ring on this earth ill, until bis mu 20 yards parts of the surface and the surface of the surface and the parts of the years ago at the layer of the surface and the surface and the surface and the copper layer, of 00 days the Chachabusia Cawali." nes of large with chalk and with the surface and the surface of large and the surface a supposed ore down laying Every chunk

clay; east and sesion limestone sever reversed, clow the nord; e rock than the lat our veins of ingular crystals ed to the upper the roof of the served mandon, inter, that must tinued through.

have till now
ill, it is thought,
in compressing
setitutes for the
regularity in the
com—a liquid pise space in which
stance so exactly
ation to the force
on bottles, which
pressure; and it
vehicle, carrying

672	mar.	THE	MINING	JOURNA	L, KAILWA	t AND			JAZEI	LE.	Polit	Last Bu
res. O Alfred Conse	THE M	INING	SHARE	LIST.	Color Colo	res. 0 Georgia Cons 0 Gorn (lead), 1 3 Grambler & S	obs (tin), St. Ives . 54 Llanidloes . 12-8. St. Aubyn (copper) 97 [stin), St. Austell . 20 onsols (cop, tin) - 15 ob, Merioneth . 35 (copper) . 11 doe, Warliggan . 24 [condo, Atternun . 1 doe, Warliggan . 25 [condo, Atternun . 25 Affred, Phillack . 27 Baddern (tin) . 25 [tin, cop.], Heision 1 nes, Camborne . 81. 38, 13 nes, Camborne . 84. 38, 13 ner, Camborne . 85. 38, 14 ner, Camborne . 87 out Terd (fothal 90 nt, Uny Leisant . 95 nt & cop.), Castock £1 for ever-lead Hennock £7 outperly Breague . 88, 22 d), Portinscale 1845 diver-lead), Clare . 448	Last Price, Pre	9en/. Shares. 4800 Te 1000 To 12000 Tr	es Side (lead), C kenbury Con. (c annuck and Bos	Jumberland Jumberland Juppe, St. Ives Jupper Juthase Jutha	Last Pris
Anglesea Cr Balleswi ate Bat Foles	copper), Phillack	11 1/2	4\6 25\6 26 10\6	28 11 0 4 0 10 0 12 0 0	60 16 0—Sept., 1853. 90 0 2 0—Nov., 1852. 674 0 3 0—Aug., 1853. 400 0 10 0—April, 1833. 3000	0 Great Beam (0 Great Bryn C 0 Great Coward 0 Great Crinnia	tin), St. Austell 20 onsols (eop., tin) . 15 ch, Merioneth 35 s (copper) 1	3% 316 3% 316	10000 Tr 1024 Tr 4006 Tr 600 Tr	ebarvah, Perrat ebarget United (agardock (lead),	uthnoe 35 lead) St. Teath 13 St. Teath 6	3 23/6 18
dack Craig Boweddin	ited (copper), Tavistock ((lead), Kirkeudbrightshi and Wheal Castle	re 235	6¼ 6 6¼ 3¼ 3¼ 1	5 1 6 0 5 0 3 0 0	0 3 0—Aug., 1853. 1000 0 2 6—July, 1853. 1000 5 0 0—May, 1853. 3	0 Gt. Tregune 0 Great Treved 2 Great Welsh	Consols, Altarnun. 1 doe, Warliggan 1 (lead) Carmarthen. 25	3 420	4096 Tre 10000 Tre 5000 Tre	ebell Con. (tin, c eloggan, St. Col eloweth (copper	omb Minor 13), St. Erth £1	16 3
Bryntail, Ll Callington (Carn Brea	lanidlocs, Montgomeryshi (lead, copper), Callington copper, tin)	Pe71, 176,	3½ 3½ ½	257 15 0 0 3 0 1 8 0	5 0 0—Aug., 1853. 102 0 5 0—June, 1851. 512 0 4 0—Sept. 1847. 2000	o Great Wheal O Gt. Wh. Vor	Baddern (tin) 2% (tin, cop.), Helsion 1	10. 3 %	% 3100 Tr 10000 Tr 2048 Tr	Ditto Preferen evalga (slate), l evelyan (tin, co	ce	ik
Comford (co Condurrow Cook's Kitel	opper), Gwennap, Corawa (copper, tin), Camborne hen (copper, tin), Illogan	15 20 15/, 18s, 9d.	40 35 37 ½ 140 2 2½	40 0 0	3 0 0—Oct., 1853. 51 819	2 Halamanning 2 Hawke's Poin 2 Hawkmoor (t	and Croft Gothal 90 at, Uny Leiant 9% in & cop.), Calstock £1 6	1 1 3	2500 Tr 4096 Tr 3200 Ty	evenen (tin), W eweatha -Maen, Whitfor	endron	200
Devon Great Dhurode (30 Ding-D	t Consols (copper), Tavistopper), Ireland	ock 1	190 390 1½	25 0 0 349 0 0 0 1 4	5 0 0—Sept., 1853. 150 8 0 0—Sept., 1853. 600 0 1 4—May, 1853. 102	Hennock (silve) Hingston Do	wer-lead) Hennock £7 11 wn Cons. (copper). 3% opper), Breague8s. 2d	5 4 2 1	4000 Ty 10000 Ty 5000 Ul	n-y-worglod (s n-y-berth (slate pha United Min ion (tin), Roch	nes, Cumberl.	11/4
Do oath (co	opper, tin), Camborne s (tin, copper), Calstock	257 X	100 9756	55 0 0 867 4 0 0 6 6	1850. 4 0 0-Oct., 1853. 0 1 6-April 1853. 169 2 0 0-Jan 1853.	0 Keswick (lead 0 Kilbricken (s 8 Lamherooe V 4 La Min (copp	d), Portinscale	- 1x	20000 Vy 20000 Vy 10000 Vy	de of Towy (leavyan Consols (t	in, copper) in, copper) 1	4 1 40.
East Wheal East Wheal	tin, copper), Pool, Illogan Crofty (copper), Illogan Rose (silver-lead), Newly	24 ¼ 	135 67 %	233 0 0 840 0 0 2245 0 0 1	1843. 25 600 10 0 0-March, 1852. 102	2 Lanarth Con. 0 Langford and 4 Leeds and St.	(cop.), Gwennap. 4 Baring £1 1 Aubyn (tin, cop.) 13	6 3%	2000 W 1024 W 1024 W	est Aberffwyd, (est Abraham (e est Alfred (cop.	In, copper In, copper In, copper In, copper In, copper In, Phillage In, Phillage In, Phillage In, Phillage In,	3 10 14
Fowey Cons General Mir Goginan (le	ng Company, Derbyshire. sols (copper), Tywardreat! ning Co. for Ireland (cop.,	1 3 3 10	30 31	399 13 0 1 0 8	0 10 0—Aug., 1853. 1200 1 10 0—Aug., 1850. 25 0 3 3—June, 1853. 400	0 Leeds Town 6 Lelant Conso 0 Loveden Unit 6 Lydford Cons	tin, cop.), Crowan 2% is (tin), Uny Lelant 65% ted (lead), Cardigan %	220	2560 W 256 W 1024 W	est Crinnis, St. est Dansel (copest Ding-Dong (Austell 2 .), Gwennap . 103 tin), Sancreed £4	13 11
Gonamena (Great Conso	copper), St. Cleer ols (copper), Gwennap ow Consols, Camelford	124	1236 12 200	9 7 6 353 6 8	5 0 0—Sept., 1850. 0 7 6—Dec., 1852. 102 103 104 105 106 107 108 108 108 108 108 108 108 108 108 108	4 Melin Llyn-y 6 Mengearne ar 6 Messer, near	Pair, Merioneth 2½ and Tregunstis (tin) 8 Bodmin	123 8 160	6400 W 2048 W 25000 W	est Fowey Con- est Goginan, Ca est Par Con. (co	(tin, cop.)£6 0 rdiganshire 41 p.), St. Blazey 1	ix
Great Polgo Great Work Herodsfoot	ooth (tin), St. Austell (tin), Germoe (lead), near Liskeard	100	135 9% %	0 10 0 161 10 0 1 17 6	0 4 0—Oet., 1852. 409 5 0 0—May, 1853. 102 0 10 0—Sept., 1853. 613	6 Middleton (le 4 Mill Pool (tir 4 Mineral Cour	Bodmin sad), Snailbeach s, cop.), St. Hilary t (tin), St. Austell. Cons. (cop.), Leck 2, 3, South Moulton 16s. (tin, cop.), Lelant Penrhiw	7 6%	6500 W 200 W 940 W	est Polgooth (trest Seton (coppe est Tolgus (coppe est Trethellan	er), Camborne 77 per), Illogan . 14)	245
Holyford (or Jamaica (fee Kenmare as	opper), near Tipperary ad), Mold, Flintshire	3/. 13s. 6d	20	25 0 0 3 5 0 380 0 0	- Feb. 1844. 0 5 0—Sept., 1852. 5 0 0—March, 1851. 1020 1030 1030 1030 1030 1030	0 Molland (cop 4 Mount Tiack 0 Nanteon and	cons. (cop.), Leek o.), South Moulton 16s. (tin, cop.), Lelant 1 Penrhiw		5000 W 6000 W 1024 W	est Wheal Alfred est Wh. Buller est Wheal Darli	(cop.), Hayle £4 (tin), St. Just 1 ington£12	8 21/4 11/4 18 7 /6
Kirkendbrig Lackamore Laxey Minis	ghtshire (lead), Kirkcudbi (copper)	right 93,	1300 N N	1 10 0	0 5 0—Sept., 1853. 0 1 0—July, 1853. 102	0 Nant-y-Car (4 North Abram 4 North Buller	cop.), nr. Rhayader3l. 4s (copper), Crowan. 36 (copper), Redruth £8	6 8%8%	512 W 4000 W 500 V	est Wheal Fran est Wheal Russ est Wheal Towa	ces, Illogan 103 ell, Calstock 13 an (cop., tin.) 323	6 25 6 25
Lewis (tin, e Levant (cop Lisburne (le	copper), St. Erth per, tin), St. Just ead), Cardiganshire, Wale	31. 8s 216 s 18%	2½ 1½ 150 225	0 2 0 1038 0 0 191 5 0	0 2 0-Aug. 1851. 2 0 0-April, 1853. 5 0 0-Oct., 1853.	0 North Damse 4 North Ding I 0 North Downs	cop.), nr. Rhayader3l. 4s (copper), Crowan. 5s (copper), Redruth £3 i (cop), Gwennap 1 bong (tin), Madron 1 s (copper), Redruth 1 s (cop), Hiogan. 3 t (tin, cop.) St. Just 14d chire Consols. 1 cisiver-lead, cop.) 1 or Gt. South Toigus 81/2 obert. Walkumpton 64	114	1000 W 6400 W 1228 W	heal Agar (copp heal Anna (tin) heal Arthur (co heal Augusta (t	er), Illogan 6 , St. Austell 1 p.), Calstock 9 in) St. Just	135
Mendip Hill Merllyn (lea	ls (lead), Somerset ad), Fitht	4/. 10s. 6d.	3 2 2 ½	0 2 6 0 10 0 1 11 0	0 2 6—May, 1853. 0 10 0—May, 1853. 0 2 6—June, 1853.	0 North France 0 North Levant 0 North Staffor 0 North Tamas	t (tin, cop.) St. Just 14 rdshire Consols 1	5 137	240 W 2539 W 1024 W	heal Bal (tin), heal Carne (tin) heal Carpenter	st. Just 6)), St. Just 9 (tin), Gwinear 3	% 5 % 7% % 5%
Mining Co. Nantlle Vale New opera-	of Ireland (copper, lead, ce (slate), Llan lyfin	coal) 7	15% 15%	8 11 6 0 1 3	0 10 6—July, 1853. 120 0 1 3—May, 1853. 103 2 0 0—July 1853. 106	0 N.W. Buller, 4 North Wh. R 6 North Wheal	or Gt. South Tolgus 810 obert, Walkampton 614 Trelawny 13	8 8 6	1024 W 1021 W 7 512 W	heal Carpenter, heal Chiverton heal Constance	(copper, tin) £7 (lead), Newlyn 11	0 0 7½ 25
North Rosks North When	(copper, tin), Pool	22¼ 10	210 152½ 150 152½	258 0 0 249 10 0 2 6 0	7 10 0—June, 1853. 4 0 0—Sept., 1853. 0 5 0—July, 1853.	0 N. Wh. Unity 0 Ockment (co) 8 Okel Tor (lea	or cf. Solutinogus obert, Walkampton 1 Trelawny	2½ 1¾	4096 W 1024 W 4500 W	heat Crebor (cop) heat Elizabeth	St. Austell. 1 p.), Calstock. 9 in), St. Just. 1 st. Just. 1 st. Just. 1 st. Just. 1 st. Just. 9 st. S. Sydenham 7 scorp, Gwennap 5 st. Just. 9 st. Ju	10 X
Par Consols Peak United Perran St. G	(copper), St. Blazey d (lead), North Derbyshire George (cop., tin), Perran	11/4 zabuloe 21/4	1436	23 6 0 1 0 0 1 15 0	0 10 0—July, 1853. 1000 1 0 0—June, 1853. 250 0 10 0—June, 1851. 250	6 Old Trewethe 6 Old Wheal B 0 Orsedd (lead 0 Parkwyn	lasset, Illegan 4), Flint 2%	4 2½	1070 W 764 W	heal Enys (tin) heal Franco, he heal Grenville	Wendron £6 ar Tavistock 17 Caruborne 3	14 7 16 1
Polberro (tir Providence : Rix Hill	pper, tin), Linkinghorne n), St. Agnes Mines (tin), Uny Lelant	30 15 20%	750 13 35	4 5 0 20 4 6	10 0 0—Dec., 1852. 1 0 0—Dec., 1852. 0 15 0—May, 1853. 0 4 0—Inn. 1853.	0 Pembroke & 0 Pencraig (lea 0 Pendaryes &	asset, Ilicgan 4), Flint 2; d Carwalsick 2; East Crinnis (cop.) 4; dd), Carnarvon 4 St. Aubyn (tin, co.) £1 2 St. Camborne 63;	5 1	1 256 W	heal Guskus (ti heal Harriett, (heal Kitty (tin)	n, copper) 11: Camborne 1 , Uny Lelant £3	6 6 10%
Rorrington South Carad South Tame	(lead), Snailbeach, Shrew don (copper), St. Cleer	rsbury. 1	230230 232½ 6½ 6 6½	0 2 2 284 0 0	0 2 2—July, 1852. 4 10 0—Sept., 1853. 0 5 0—June, 1853.	6 Pendarves Co 0 Penhale Con 0 Pen-y-Gelli (onsels, Camborne. 5% sols (alver-lead). 3½ lead), Flintshire. 3½ lead), Flintshire. 3½ lead), Flintshire. 3½ lead), Flintshire. 3½ lead, Flintshire. 3½ lead	3 4 13 83	5000 W 1000 W 6144 W	heal Kitty (tin) heal Lemon (co heal Maudlin, I	amborne	3 3
South Tolgu South When Spearne Cor	al Frances (copper), Rilogi al Frances (copper), Illogi asols (tin), St. Just, Corn	nwall 16 an 37 % wall 1 %	140 220 10%	69 0 0 228 5 0 8 3 6	4 0 0—May, 1853. 2 0 0—Sept., 1853. 0 2 6—June, 1853.	0 Polgear & La 0 Polgear & La 0 Poltimore (co	op., gold), Devon 1	1 2 2	942 W 512 W 256 W	heal Montague heal Music (cop heal Neptupe	(tin)	97 5
St. Ives Con Stray Park	and Grylls (copper, tin), Busols (tin), St. Ives and Camborne Vean (cop)	reage 3 50 per) 10%	125 9½ 10¼	880 0 0 12 10 0	5 0 0—Feb., 1853. 102 640 3 0 0—Feb. 1853. 302	4 Praed Con. (10) Prideaux We 2 Prince Alber	tin), Towednack 13g ood, Luxillyan 13g t, Perranzabuloe 23g	4 ² 4	808 W 128 W 6400 W	heal Oak (tin), heal Plenty (cor h. Prockter (le	near Helston. 2 oper), Redruth 50 ad, antimony) 1	1 50 50
Tincroft (co Trehane (sil Treleigh Co	opper, tin), near Pool, Illo lver-lead), Menheniot nsols (conner), Releath	gan 7	6 5 5 % 12 914	6 18 6 3 11 3	0 10 6—Feb. 1853. 0 10 0—June, 1853. 0 5 0—Oct. 1847.	0 Raleigh, (tin 0 Reeth Consol 0 Respryn (con	idated, Towednack 47, pper), Lostwithiel 2		256 W 4000 W 2048 W	heal Prudence (ch. Robert, Sam heal Robins (tir	r-lead, cop.). 4 (tin) 5 perr), St. Agnes 1 perranuthnoc.£51 near Helston. 2: pper), Redruth 50 dt, antimony 1 top.), St. Agnes 4 pford Spiney . 1 n) Liskeard . £21 pp.), Taristock 2ympton	06 3
Trelyon Con Tresavean (Trethellan	copper), Gwennap, Corns copper), Gwennap, Corns	rall 32 %	27 180 17½	0 15 0 4680 15 0 402 10 0	0 15 0-May, 1853. 1848. April, 1851.	6 Rinsey Unite 6 Rocks and Tr	idated, Towednack 4% poper), Lostwithiel. 2 Pacheiddon (lead) 11 4 d. 1 reverbyn (tin) £5 1 cop., tin), Gwinear 10 Salop 10s.6 phin (cop.), Breage £5 1 col Buller (tin)	6 2 1	% 1024 W 512 W	heal Russell (co heal Sidney, Pl heal Sophia (sil.	ympton 3 lead), Lezant 11 (copper tin) 47	% 1% % 8% % 11%
Treviskey as Trumpet Co United Mine	nd Barrier (copper), Gwe msols (tin), near Helston es (copper), Gwennan	nnap 130 95	145 230 220 230	295 10 0 40 0 0 41 5 0	2 10 0—Jan., 1853. 5 0 0—Sept., 1853. 5 0 0—Oet., 1853.	Round Hill, 4 Sidney Godol 0 Sithney Who	Salop	d 2½ 4 10 63	1024 W 1024 W 952 W 1000 W	heal Squire (co) heal Stanley, St h. Susan, Brean	(copper, tin) £7 13 p.), St. Erth £6 13 Columb— e & Crowan £3 15	9 5 1
West Carade West Provide	(copper, tin), Perranuthr on (copper), Liskeard dence (tin), St. Erth	102 to 102	230 200 205 46 42 43	221 5 0 20 0 0	5 0 — March, 1851. 5 0 0 — Ang., 1853. 2 0 0 — Oct., 1853. 0 10 0 — May 1953.	0 Skiddaw & B 0 South Carn I 6 South Charle	al Buller (tin) 1 lencathera, Keswick 11s. Brea (cop.), Illogan 12 btte, St. Agnes 3 er (copper) £3 6 lship Wheal Ann 2	21/	6000 W 4000 W 512 W	heal Tehidy (co heal Treasury (heal Trefusis (co	pper), Illogan 2 copper, tin) 1 op.), Gwennap 14	1 16
Wheal Basse Wheal Brew Wheal Build	et (copper), Illogan ver (copper), Gwennap er (copper), Redrich	101, 48, 10d	610 · 610 13 ·	450 0 0 5 0 0 371 3 0	20 0 0—Oct., 1853. 30 0 0—Sept., 1853. 200	0 South Crenve 6 South Friend 0 South of Scot	er (copper)	5 2% 2%	3000 W 8448 W 1068 W	heal Trevena (theal Trewane (theal Tryphena,	(copper, tin) £7 i: p.), st. Erth £6 ii. Columb	% 7 % 2 % 2%
Wheal Cliffe Wheal Exm Wheal Frien	ord (copper), Gwennap couth and Adams United ndly (tin), St. Agnes	41/4	9 21	3 13 8 1 2 6 5 0 0	- March, 1852. 400 0 12 6-Oct., 1853. 28 5 0 0-1850. 28	6 South Wheal 0 Spearne Moo 8 St. Blazev C	Iship Wheal Ann. 23, tland 23, Uny Lelant 3, Yeoland 3, If copper), St. Just 30 onsols, St. Blazev. 67 (ed. (in & copper). 2 enkevil (tin) 2 vonsols (silver-lead) 1 udock 64, Ireland 9, Ireland 28, pp.), near Tavistock 28,	11s 30	1024 W 1024 W 4000 W	heal Unity (cop. heal Uny (tin, c heal Venton (si heal Williams	cop.), Redruth 11; llead), Lisk. 6/. copper)	11 11 11 11 11 11 11 11 11 11 11 11 11
Wheal Gold Wheal Jame	en (sillead), Perranzabu es (iron, copper), Roche	3½	103 1½ 2 3 1½ ½	2367 10 0 1 5 0 0 2 0	0 5 0—Sept., 1853. 0 5 0—Sept., 1852. 0 2 0—May, 1853. 1 0 0—Java 1853.	0 St. Day Unit 2 St. Michael I 9 St. Minver C	ed (tin & copper) 2 Penkevil (tin) 2 Consols (silver-lend) 1	1%	2 4096 W 4096 W 6400 W	heal Wrey (lead) heal Zion (cop., hitford (lead),	L-lead , Lisk. 67. copper	% 21% 1%
Wheal Love Wheal Marg Wheal Mary	el (tin), Wendron garet (tin), Uny Lelant V Ann (lead), Menhanist	33 79	55 100 117 100 40 49	21 10 0 196 0 0 24 15 0	1 10 0—July, 1853. 2 10 0—May, 1852. 1 10 0—Sept., 1853.	o Swanpool, B o Tassan (lead of Tavy Con. (co	udoek 65,), Ireland 5, op.), near Tavistoek 38	13 ½	% 2048 W 15000 W 4096 Y	rysgan (slate) eoland Consols (12a. tin, copper) 4	1%
Wheal Owle Wheal Reeti Wheal Setor	es, St. Just, Cornwall h (tin), Uny Lelant n (tin, copper), Camborne	70 20½ 107	400 25 27) ₂ 25	110 13 0 40 10 0 232 10 0	13 0 0—Aug., 1853. 3 0 0—Sept., 1852. 5 0 0—June, 1853. 20:	NES NOT HA	VING SOLD ORES. Paid. Price.	Shares. 24000 Glenauli	Pasin&Carivi!leen	id. Price. 81	ares.	Nood Es
Wheal Trela Wheal Trem Wicklow (co	awny (silver-lead), Liskes nayne (tin, copper), Gwin opper), Wicklow	ear 9%	16½ 46½ 17 50 51	9 15 0 21 8 0	0 10 0—April, 1853. 1 10 0—July, 1853.	4 Appledore, 8 0 Arundell Cop 0 Ballygoneen,	Curadon 28s 6d 2 it. Ives 5½ 1 pper 1 2 Wicklow 1 2	30000 Great C 30000 Great D 10000 Great D	rym (cop.) 1 uchy 2	1 10 1 2 2	South Tavy C 000 South Towey 048 South Wales C 072 South-West P	hornix i
Alten Minin Baden, Gran	ng Company (copper), No	FOREIGN	MINES.	3 10 0 0 1 0	0 10 0—Dec., 1852. 300 0 1 0—Nov., 1852. 300	00 Bargally (stl 00 Beacon (tin) 11 Berrion Lie	M. Ives	512 Great R 1024 Great SI 10000 Great T	Mile (lead) 4s. ambrian 1 rrym (cop.) 1 uchy 2 lewas United 1 ough Tor 37 heba Consols 15 reburget Vheal Agar 1 The Fortune £7 1 The al Tonkin 1	12 % 1 34 18 % 4	024 South Wheal South Wheal 000 South Wheal 144 St. Austell Co	Lovel . Russell
Burra Burra Cobre Coppe Copiano	sig Company (copper), No nd Duclay of mperial (gold), Brazil 4 (copper), South Austral 2 (copper), South Austral 2 (copper), South Austral 2 (copper), Culaing Company (copper), Gu and Assoc, (tron, coal), Nova do, Pozo Ancho, Spain and New Granada d South American (cop.), ead), Rhentish Prussia ago (copper), Cuba i Rey (gold), Brazil ician (silver), Mexico	25 ba 40	150 42 45	34 17 6 135 0 0 59 12 0	5 0 0-March, 1853. 3 0 0-July, 1853. 0 5 0-Oct. 1851.	24 Birch Alier, 1 20 Biaen Cayler 24 Black Burn.	Bridford 10 2 12 n (lead). 3 1 Alston. 20 25	5000 Great W 1024 Great W 6000 Great W	heal Agar 1 h. Fortune £7 1 heal Tonkin 1	9 4 1% 5	1144 St. Austell Co 0000 Tamar Maria 0000 Temple Conso 9006 Thomas's Uni 0000 Treburget Co 0000 Tregonebris & 0000 Tresellyn Cor 0006 Trevallick, L. 120 Trewortis The 512 Tywardreath 0000 Tyllwyd (least	ols 2
General Min Linares (lea Mariquita a	n. Assoc. (iron, coal), Nova ad), Pozo Ancho, Spain ad New Granada	a Scotia 20	16 16 9½ 9½	8 0 0 1 5 6 0 2 0	0 10 0—June, 1853. 0 12 6—Sept., 1853. 0 1 0—July, 1853.	00 Bodeoll, S. V 00 Boiling Well 00 Bolenowe	Bridford 10 4 12 12 14 12 14 12 15 14 15 15 15 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	6000 Halkin 4096 Harriet 10000 Harriet	heal Tonkin 1 St. Erth 1 Castle Sophia (tin) Henflwch Coomb 1 an, Ireland 12 Idge Consols 1 Idley (lead) 1 Consols 1 Consols 1 thur Consols trellane, Irel 1 on United 1	14 14 50 15 1 15 26 1 15	000 Treburget Co 000 Tregonebris& 000 Tremollett Do	nsols Fat-work own (
Mexican and Obernhof (le Royal Santia	d South American (cop.), ead), Rhenish Prussia ago (copper), Cuba	Mexico 9 1 13	6% 6% 1% 1% 4% 8% 4%	4 17 6 0 1 0 33 4 0	0 1 0-June, 1853. 1 5 0-July, 1848. 2 0 0-June, 1853	Britannia, D Britannia, L	evon £1 2 ¾ anarmon 3	5000 Herod's 10000 Hiberni 10000 Hill Bri	Coomb 1 an, Ireland 12 idge Consols. 1	K K K	096 Trevallick, L. 120 Trewortis&Tr 512 Tywardreath	iskeard renethick (cop.). 23
United Mex	ican (silver), Mexico	N-DIVIDEND			0 4 0—Feb. 1853. 1200 8 155	Broomfield (12 Butterdon (136 Carado Valo	cop.) 1 ead) 5½ 4½ e,St.Ive £4 4 1	30000 Hope Va 30000 Irish Co 1024 Ivy Tor 20000 King A	onsols 1 Consols 1 thur Con-	1% 3 14 2 1	000 87 14 807 6 15	***
t. Adelaide Lan Australian (c Barossa Ran	Paid. 1 and Gold Comp. 2 cop.), S. Australia . 3	(ast Price. Present 1½ ½ 1½ 2 2½	17000 Metcalfe (copp 25000 Monarch Gold 10000 National Broad	er), Jamaica 1	I. Last Price. Present. 300 4 25 7 60 100 27 27 21 100	O Caradon Woo O Castle Slate O Cathedral	od (lead) £1 3 24 Quarry. 1£1 1 3 £4 3 216	20000 Knockat 4096 Lamerte 1024 Lantalla	trellane, Irel. 1 on United	× 1	000 West Allt-y-0 000 West Buller, C 024 West Phænix 256 West Sharp T 056 West Stray P	c 10 For 38 Park 2
Brueutu (gol Gladbach (z Jamaica (cop	Paid. 1 Paid. 1 Paid. 1 Paid. 2 Paid. 3 Paid. 3 Paid. 3 Paid. 4 Paid		104000 North British 25000 Peninsular Mi 10000 Pontgibaud (si	Australasian 1 ning Company illead), France 20	1. Last Price, Present. 1 23, 34 60 2 2 2 25 10 2 13, 60 4 2 3 4 60 4 2 4 10 4 1 3 4 10 4 1 1 10 4 1 1 10 4 1 10 5 1 10 5 1 10 6 10	00 Cawson Hill 00 Caylan, Nort 22 CefnGwyn, C	(nom) 1 11	200000 Monard	no Convole 1	112 6	236 West Sharp 1 056 West Stray P 2240 West United 096 West Wheal I 024 West Wh. Fa 024 West Wh. Fr 0000 West Wh. Fr	Hills 18 Edward mny 2
Liguanea & C Linares, New Louise Pho-	Gen. Min. Co. of Ja. 1 r, (lead, cop.), Spain 1	1 1	2,5000 Port Royal and 80000 Upper Canada 100000 Worthing (co	(copper) (p.), Adelaide 12	12 10 10 10 10 10 10 10 10 10 10 10 10 10	24 Churchstoke 80 Classadaugh 90 Clew Box, M	1lead). 436	6400 Mostyn 1024 Mount 320 Nent Fo	(lead), Flint 3: Alexander orce, Alston	1 % 10	048 West Wheal	Robins
MINES	S WHICH HAVE SOLD	ORES.	Shares	Paid			organ 2 1/4 1 1/4 1 1 1/4 ood 8s 50 k (cop.), 3/4 2 Consols 6s 6s.	5000 New Co 4006 New Ea 4000 Norbury	(lead), Flint Istead, Cork Consols 4 (lead), Flint 3 Alexander pper Bottom 1 stCrowndale 1 y, Salop 4s. Burra Burra 2 cornwall 1	6d %	2048 West Wheal 2500 West Wh. Tr 2502 Weston, Shro 2503 Wheal Ballar	Rose 5
Albion (porce Alston Moor	elain & bleach. clay) 51/	5% 1	1500 Crookhaven (c 9000 Cubert (silver- 10000 Cwm Daren (b	copper), Cornwall 13 copper), Cork 19 clead), Cornwall 2 cad), Cardigansh. 13	14 1 1½ 50 s ½ 50	O Connemary	Gulway 1	10000 N. Brit. 10000 North C 256 North C	Burra Burra 2 cornwail 1 renver (cop.) 15		000 Wheal Bawd	en
Altgoed Cons Augusta Con Balnoon Con	Mining Co., Cumb. 1 n., (tin, cop.), Altar. 2 sols Slate Quarry. 2 t. (cop.) Bridestowe 28s.6 t. (tin), Uny Lelant — n United 1 narth, Gwennap 10\chi leland), St. Ives 1 dd Vitifer, Lydford £2 12 United	15 3	9000 Cubert (silver- 10000 Cwm Daren (l 10000 Cwm Erfin (le 2000 Cyfannedd Fa 3000 Dalrhiew (op 1000 Darren (sille 7200 Derwent (sil 3007 Devon and Cot 1024 Devon & Corm 4000 Devon Burra (1	ad), Cardigansh 8 wr, Lanegryn	130 14 1 130 16 1 10	66 Copper Hill. 24 Cornwall So	. Tamar 2s 1	6400 North H 150000 North (10000 N. Town	lingston Cons. 6 for Every (cop.). 4 fingston Cons. 6 for Ireland 1 y & Cystanog 4s.	. bd I 1 2	742 Wheal Benny 024 Wheal Cathe 5400 Wheal Cocke 5000 Wheal Dora	********* 6
Balleswidder Bell and Lan Bicton Consc	n United	14 13 14	1000 Darren (sille 7200 Derwent (sil 3907 Devon and Con	ad) Cardiganshire 4 lead), Durham 12 artenay (copper)	X 416 64 X 126 2 50	90 Crow Hill, S 90 Dev. Buller C 90 Devon Consc	t. Steph. 1 3 Gt. Cons. 2 2 ols North 2% 1	2000 Lendeer	y & Cystanog 4s. e Consols n Consols ger (lead), 2	20 24 9	000 Wheal Eckley 1096 Wheal Edwar 1000 Wheal Fanny	rd l
Birch Tor an Bishopstone Ditto Gla	United 1	1 _k	1024 Devon & Corna 1000 Devon Burra I 1600 Devon Great I	wall United(cop.) £10 Burra (copper) 1 Tincroft (tin)	186 7 20 182 312 50 16 1 100	Devon Conse 00 Devon Unite 00 Devon Tin N	ols North 2% 1 ols West 2% 11/4 ed 1 1/4 dines 1 1/4	5000 Penllyn	e Court	1%	2048 Wh. Fanny, 1 2048 Wh. Fenwick 916 Wheal Fortes 5000 Wh.Fortune,	Perran
Bodmin Unit Bodmin Wes Bollowall and	st Downs (tin, cop.) 1 d Nanpean (tin) 20	15 1½	4000 Devon Kapund 4000 Dolfrwynog (c 5000 Drift Moor (ti	a (cop. & sillead) 3 cop.), Merioneth. n), Sancreed 1	15 15 80 14 14 80 14 15 300	00 Dinas Great 00 Drewsteight 00 Dungley Wh	Copper. % %	50000 Perran 12000 Perran 4000 Perran	ce Consols 1 (silver-lead). Consols 2 Wh. Alfred. 1 Wheal Jane .18s	136	512 Wheal Freed 1536 Wheal Gill, L	om
Boscean (tin) Bosorn (tin), Bottle Hill (universe Lydford. £2 12 United 1 Imorgan 13s. 5d to Downs (tin, cop.) 1 d Nanpean (tin) 20 onnois, Plympton 3.8s. 6d), Nt. Just 20½ , St. Just 20½ , St. Just 20½ , St. Just 20½ , Lead), Cardigansh 3¼ sacls (tin), Perran 1½ in, cop.), Gwincar 1 cad), Cardiganshire 4 Cardiganshire 34	47 50 60	1024 Devon & Corn 4000 Devon Burra 1 1600 Devon Great 1 6000 Devon Kapund 4000 Dolfrwynog (c 5000 Drift Moor (ti 1244 Duke of Cornv 3000 Dyfngwm (lea 128 Eaglebrook, Li 4995 East Alfred C 2506 East Busset (c 2500 East Birch TO 6800 East Bosorn 1948 East Crowndal	d), Wales 11 lanphangel, Card. — onsols (lead, p.)16s	12 600 10 50 6d 34 10	00 East Annagh 00 East Black (24 E. Buller, nr	ola West 2% 11 14 15 15 16 17 18 18 18 18 18 18 18	4096 Phœnix 1536 Phœnix	Consols I	1/2 1% 1%	1048 Wheal Hami 1000 Wheal Helen	(tin)
Braich Goch Bronfloyd (le Bryn-Arian	slate Quarries		256 East Basset (c 2500 East Birch To 6000 East Bosorn	opper), Redruth . 18 r (tin), Devon 3	31/4 61 31/4 55 11	28 E. Carn Brea 44 East Carado 90 East Frongo	n (cop.). 1½ 2½ ch (lead) 1½ 10	2048 Ponters 12000 Prignat	h Consols I wyd,Cardigan 1 ht Consols I	% s	5000 Wheal Jane 1200 Wheal Ludeo 1024 Wheal Mary, 5000 Wheal Messe 1948 Wheal Perme	ctt I
Busparvo (ti Bwlch (siled)	in, cop.), Gwinear 1 cad), Cardiganshire 4	3% 3%	1024 East Ding Dor 4000 East Gunnis I	e(cop.),Tavistock 6 ng (tin), Madron. 2 ake June. (cop.) . 1 ning (tin) 1	100 500 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00 East Polgood 00 East Onslow 28 East Tremat	th (tin). 1 1	10000 Rheidol 25000 Rhosyd	United Mine 1	iv	5000 Wheat Peru,	cornw. 56.
Caerphilly & Cally (cop., le	Cardiganshire % Carfinon, S. Wales a ead), Kirkeudbright £1 2s asols (copper) 3 ited (tin and cop.) £3 5	3				24 East Wheel	Fortune 2 2	2500 Ringab	ella, nr. Cork 4	*** (3) 1 4	1000 Whea! Samso 128 Whea! St. An	drew
Camborne Co	onsols 1	30	256 East Tolgus (c 2048 East Wheal B 2048 East Wheal Ge	opper), Redruth . 12 ledford, Tavistock 2 lorge, Walkhamp. 2	30 28) ₉ 10 2 10 5 40	65 EXTROOP EITS	Josiah 1% % Recth 3% 1% Grlt 18s.6d 4 ca (cop.)£1 14 0 114	5250 Silver F 4094 Sourton 5000 South A	Castle (lead). Hibernian	is6s. 3d.	1000 Wheal Surpr 1024 Wheal Trelus 3000 Wheal Trists 1000 Wheal Victor	sback
	bolls, St. Cleer 246, (copper), Crowan. 6 ktin), St. Just 1 kt copper), Gwennap. 52. 134 (tin), St. Colomb. £1 8 3 (lead), Cardigansh. 33 (United, Cornwall £1 3	2½ 1¾ 4½ 4¾ 5	512 East Wheal Le 1024 East Wheal M 4000 East Wheal R	isure, Perran 16 argaret (tin, cop.) 5 ussell, Tavistock £21	340 10 240 34 11 10	10 Fox Tor, All	d Mines 1 1 3 nor 1 1 ted £1 17 1%		Soswarthen Cork (cop.) I Devon Consols 1 at White Grit 3 Exmouth		5400 Wheal Whitl 5000 Willow Bank	leigh
Carbona (tin Carnyorth (t Carvannall (c	raint wa Columb 61 0 9		3500 East Wheal V	or (tin)£1	1912 40	oo Gawton Uni	ted £1 17 1½ ,Cardigan 1 3	3000 South F	Exmouth	2	800 Winster (lead 100 Wyndham Co	onsols 25
Carbona (tin Carryorth (t Carvannall (c Castle Dinas Cefn Brwyno Charlestown	(lead), Cardigansh. 33 United, Cornwall £1 3	110	536 Ecton Mounta	in (lead, copper) . 3	5	Our abject is to	a make the Share List of	poweret : it mus	t he obvious we	connet de se s	eithout the constr	ant assists
Carbona (un Carnyorth (t Carvannall (d Castle Dinas Cefa Brwyno Charlestown Clara Clijah & Wer Coed Mawr P	(lead), Cardigansh. 33 United, Cornwall. 21 3 Intworth (tin, cop.). 5 Pool (lead), Lianrwat £10 7 e, Cardiganshire 10 oor (cop.), St Cleer. 57 6s yyrlead), Llanrhiadr 5% legiavs, Camborne.—		3500 East Wheal V 564 Ecton Mounta 536 Ecton Mounta 1280 Esgair Liee, Li 5000 Fat-work & W 32 Four Dargue (15000 Fron-ina and 0 2000 Gallt-y-Maen, 5000 Garreg (laad) 2048 Geifron (coppe	in (lead, copper) . 5 anfihangel-y-Croy 7 h. Virtue, St. Col. £1 lead) Cumberland 12 Craigiog (lead)	1 2 15 e	Our object is to meerned. We, hich may, from	n make the Share List e, therefore, earnestly can time to time, come uncription, forwarded to e	correct : it mus il upon all who oder their notic	t be obvious we have the power ec. Reports from	cannot do so v , to aid us, by f m mines, notice	eithout the constr	ant assists!